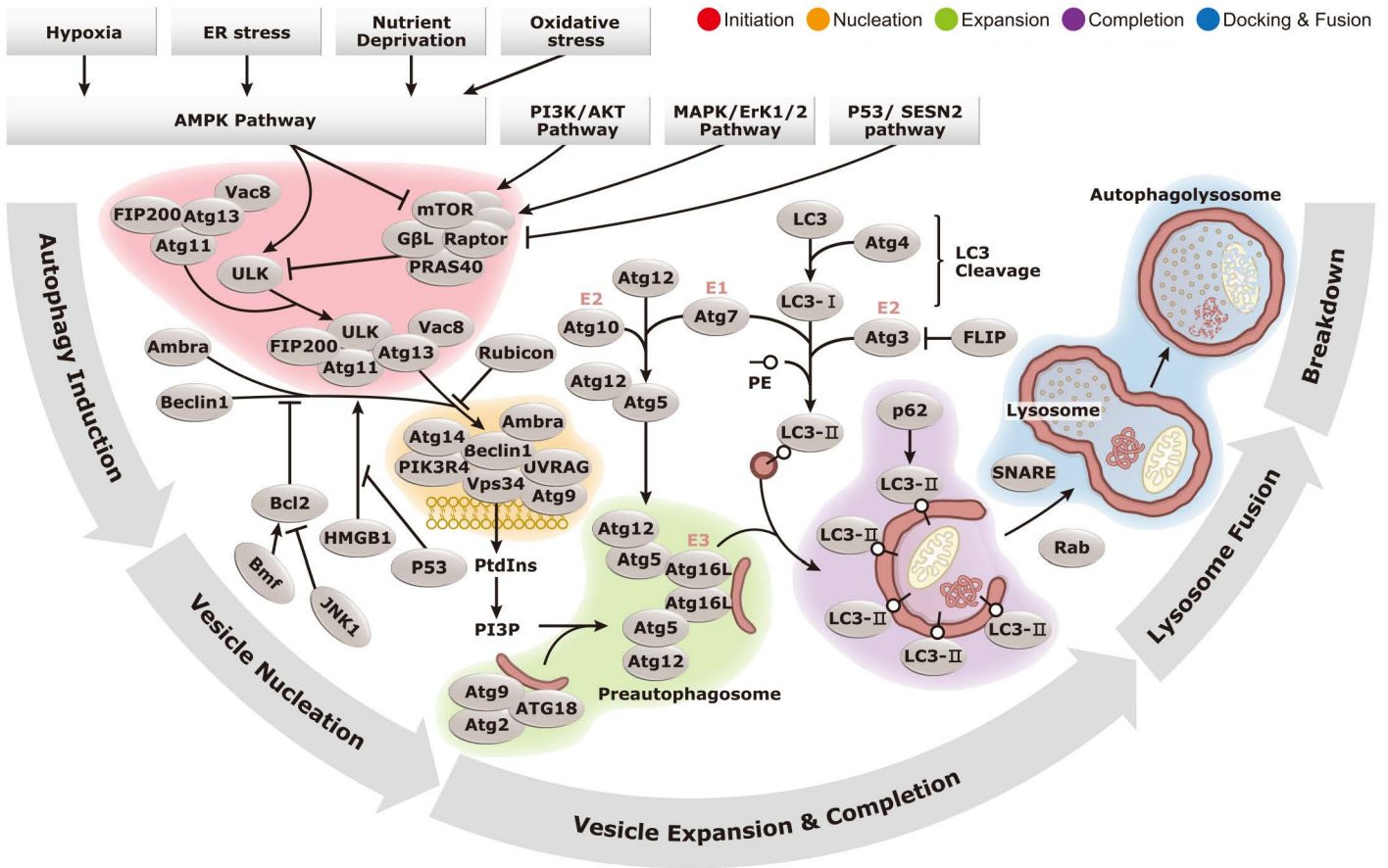


Autophagy

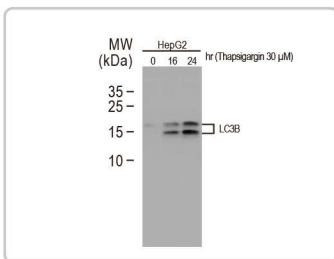
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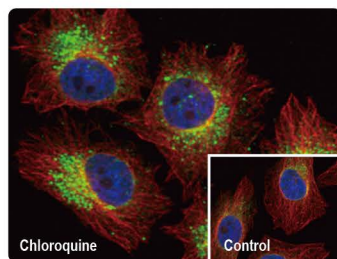


Autophagy Research

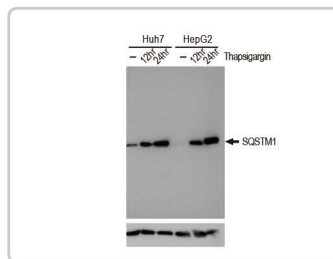
Citation Support KO/KD Validated



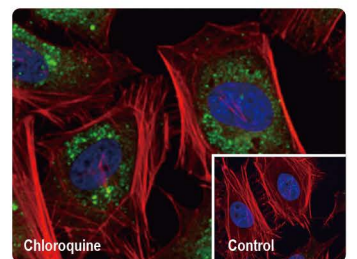
LC3B antibody (GTX127375)



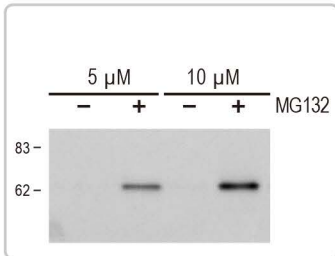
LC3B antibody (GTX127375)



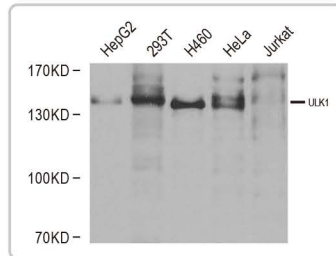
SQSTM1 (p62) antibody [N3C1], Internal (GTX100685)



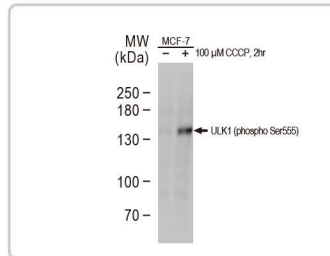
SQSTM1 (p62) antibody [GT1478] (GTX629890)



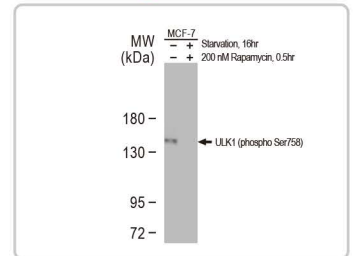
SQSTM1 (pSer403) antibody (GTX128171)



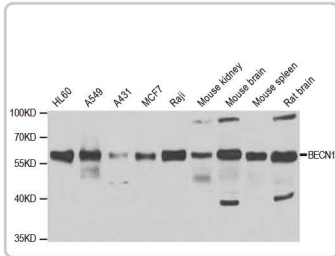
ULK1 antibody (GTX16974)



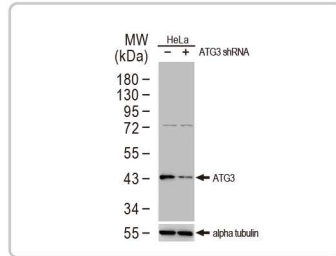
ULK1 (pSer555) antibody (GTX132660)



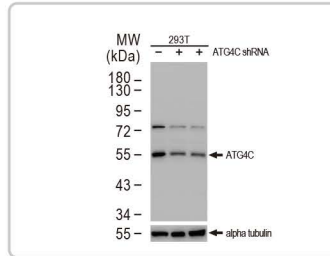
ULK1 (pSer758) antibody (GTX132654)



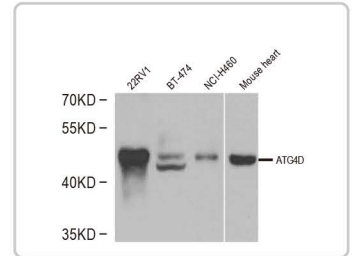
Beclin 1 antibody (GTX55535)



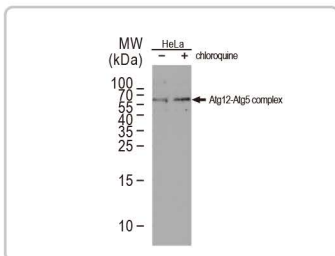
ATG3 antibody (GTX128065)



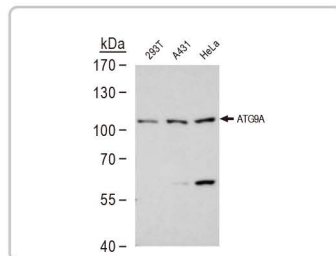
ATG4C antibody (GTX129488)



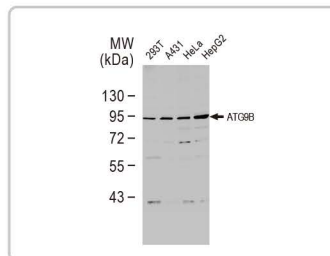
ATG4D antibody (GTX33025)



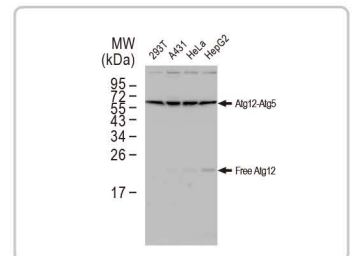
ATG5 antibody (GTX113309)



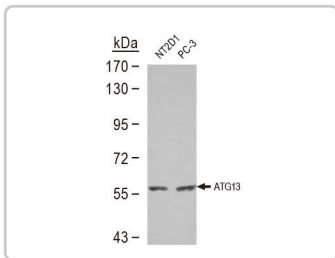
ATG9A antibody (GTX128427)



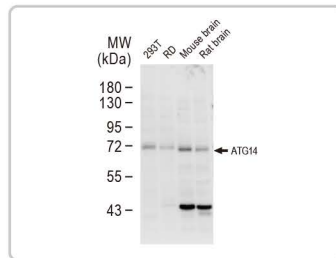
ATG9B antibody (GTX132439)



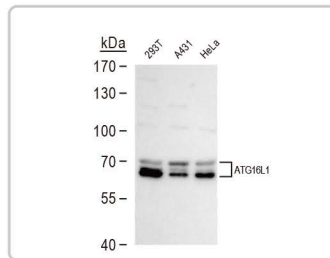
ATG12 antibody (GTX124181)



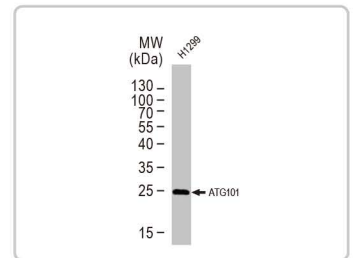
ATG13 antibody (GTX123970)



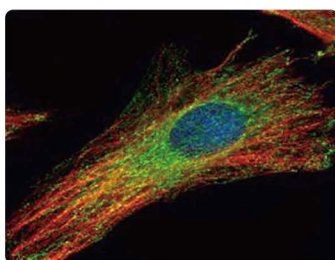
ATG14 antibody (GTX132468)



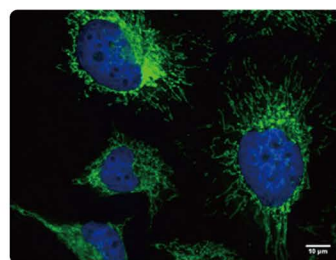
ATG16L1 antibody (GTX129098)



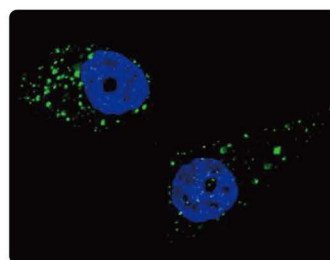
ATG101 antibody (GTX132435)



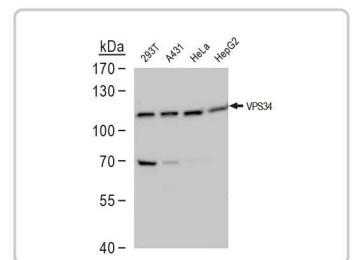
LAMP2 antibody (GTX103214)



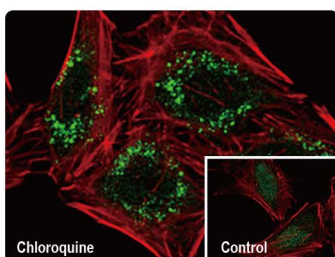
FIP200 antibody (GTX129093)



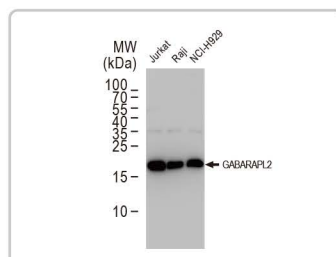
UVRAG antibody, C-term (GTX16333)



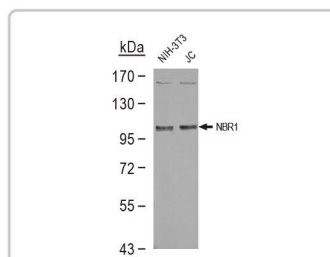
VPS34 antibody (GTX129528)



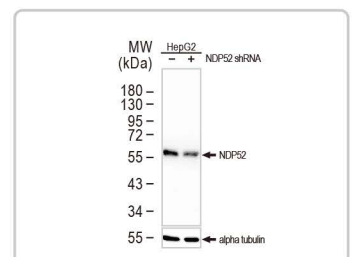
GABARAPL1 antibody (GTX129277)



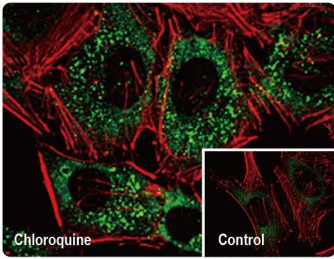
GABARAPL2 antibody (GTX102006)



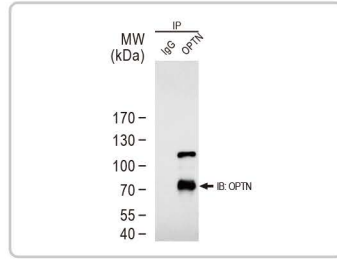
NBR1 antibody (GTX114539)



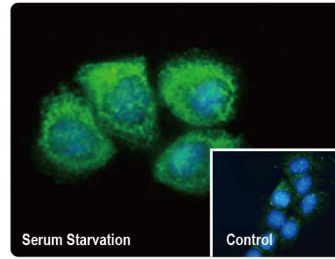
NDP52 antibody (GTX115378)



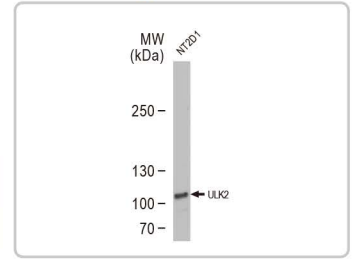
NDP52 antibody [GT1813]
(GTX630397)



Optineurin antibody
(GTX105447)



WIP1 antibody (GTX122101)



ULK2 antibody [C2C3],
C-term (GTX111476)

Selected Products

	Cat. No.	Product name	Host & Clonality	Reactivity	Application
	GTX17380	LC3A antibody [166AT1234]	Ms mAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
	GTX127375	LC3B antibody	Rb pAb	Hu, Ms, Pig, Rat	FACS, ICC/IF, IHC-P, IP, WB
	GTX132180	LC3C antibody	Rb pAb	Hu	WB
	GTX100685	SQSTM1 antibody [N3C1], Internal	Rb pAb	Hu, Ms, Rat, Zfsh, Bov, Honeybee	FACS, ICC/IF, IHC-P, IP, WB
	GTX629890	SQSTM1 antibody [GT1478]	Ms mAb	Hu, Ms	FACS, ICC/IF, IHC-Fr, WB
	GTX128171	SQSTM1 (phospho Ser403) antibody	Rb pAb	Hu, Ms, Rat	FACS, IHC-P, WB
	GTX128065	ATG3 antibody	Rb pAb	Hu, Ms, Rat	WB
	GTX30074	ATG4A antibody	Rb pAb	Hu, Ms, Rat	IHC-P, IP, WB
	GTX115678	ATG4B antibody	Rb pAb	Hu	IHC-P, WB
	GTX129488	ATG4C antibody	Rb pAb	Hu	IP, WB
	GTX33025	ATG4D antibody	Rb pAb	Hu, Ms, Rat	IHC, IHC-P, WB
	GTX113309	ATG5 antibody	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
	GTX113613	ATG7 antibody [N3C2], Internal	Rb pAb	Ms	WB
	GTX32459	ATG7 antibody	Rb pAb	Hu, Ms, Rat	IHC-P, WB
	GTX128427	ATG9A antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, IP, WB
	GTX132439	ATG9B antibody	Rb pAb	Hu	ICC/IF, WB
	GTX129097	ATG10 antibody	Rb pAb	Hu	IP, WB
	GTX132449	ATG10 antibody	Rb pAb	Hu	IHC-P, WB
	GTX124181	ATG12 antibody	Rb pAb	Hu, Ms, Rat	IHC-P, IP, WB
	GTX629815	ATG12 antibody [GT166]	Ms mAb	Hu, Ms	ICC/IF, WB
	GTX123970	ATG13 antibody	Rb pAb	Hu, Ms	IHC-P, WB
	GTX85183	ATG13 antibody	Rb pAb	Hu, Ms, Rat	ELISA, ICC/IF, IHC-P, WB
	GTX132468	ATG14 antibody	Rb pAb	Hu, Ms, Rat	WB
	GTX129098	ATG16L1 antibody	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
	GTX132435	ATG101 antibody	Rb pAb	Hu	IHC-P, WB
	GTX121937	AKT antibody [N3C2], Internal	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC, IHC-Fr, IHC-P, IP, WB
	GTX128414	AKT (phospho Ser473) antibody	Rb pAb	Hu, Ms	IP, WB
	GTX28933	AKT (phospho Thr308) antibody	Rb pAb	Hu, Ms, Rat	ELISA, FACS, WB
	GTX50869	AKT (phospho Tyr315/316/312) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
	GTX121937	AKT antibody [N3C2], Internal	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC, IHC-Fr, IHC-P, IP, WB
	GTX110613	AKT1 antibody	Rb pAb	Hu, Ms	ICC/IF, IHC-P, IP, WB
	GTX132812	AKT1 (phospho Ser129) antibody	Rb pAb	Hu	WB
	GTX50339	AKT1 (phospho Thr450) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
	GTX11901	AKT1 (phospho Ser473) antibody [104A282]	Ms mAb	Hu, Ms	ICC/IF, IP, WB
	GTX128457	AKT2 antibody	Rb pAb	Hu, Ms, Rat	WB
	GTX103487	AMPK alpha 2 antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, IP, WB
	GTX106705	AMPK beta 1 antibody	Rb pAb	Hu	IHC-P, WB
	GTX101661	AMPK gamma 1 antibody	Rb pAb	Hu, Ms	IP, WB
	GTX114178	AMPK gamma 2 antibody [C2C3], C-term	Rb pAb	Hu, Ms	IHC-P, WB
	GTX112086	Apoptosis-enhancing nuclease antibody [C2C3], C-term	Rb pAb	Hu	ICC/IF, IHC-P, WB
	GTX109683	Bax antibody [N1N2], N-term	Rb pAb	Hu, Rat	ICC/IF, IHC-P, IP, WB
	GTX628904	Bcl-2 antibody [GT576]	Ms mAb	Hu	WB
	GTX100064	Bcl-2 antibody [N1N2], N-term	Rb pAb	Hu, Ms, Rat	IHC-P, WB
	GTX105661	Bcl-X antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, IP, WB
	GTX104636	Bif-1 antibody [C2C3], C-term	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
	GTX108852	BMF antibody [N1C3-2]	Rb pAb	Hu	WB
	GTX10433	BNIP3 antibody [ANa40]	Ms mAb	Hu	ELISA, ICC/IF, IP, WB
	GTX111902	BNIP3 antibody [N1C1]	Rb pAb	Hu	WB
	GTX111876	BNIP3L antibody	Rb pAb	Hu, Ms, Bov	ICC/IF, IHC-P, WB
	GTX119084	CALM antibody	Rb pAb	Hu	IHC-P, WB
	GTX119631	CALM antibody	Rb pAb	Hu, Ms	WB
	GTX107897	Casein Kinase 2 alpha antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
	GTX107576	Casein Kinase 2 alpha antibody	Rb pAb	Hu, Ms	IHC-P, WB
	GTX116540	Deptor antibody [N1C3]	Rb pAb	Hu	WB
	GTX85483	DRAM antibody	Rb pAb	Hu, Ms, Rat	ELISA, ICC/IF, IHC-P, WB
	GTX50911	DRP1 (phospho Ser637) antibody	Rb pAb	Hu, Ms, Rat	ELISA, WB
	GTX50968	DRP1 antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC, WB
	GTX129093	FIP200 antibody	Rb pAb	Hu	ICC/IF, WB
	GTX129094	FIP200 antibody	Rb pAb	Hu	WB

Selected Products



Cat. No.	Product name	Host & Clonality	Reactivity	Application
GTX107387	FIP200 antibody [N1N2], N-term	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
GTX111010	FIS1 antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
GTX630992	FIS1 antibody [GT12112]	Ms mAb	Hu	ICC/IF, WB
GTX631209	FIS1 antibody [GT9810]	Ms mAb	Hu	ICC/IF, WB
GTX104725	FLIP antibody [C3], C-term	Rb pAb	Hu	WB
GTX113047	FLIP antibody [N1C1]	Rb pAb	Hu	IHC-P, WB
GTX129277	GABARAPL1 antibody	Rb pAb	Hu	ICC/IF, WB
GTX102006	GABARAPL2 antibody	Rb pAb	Hu, Ms, Rat	IHC-P, WB
GTX112959	HMGB1 antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
GTX628834	HMGB1 antibody [GT383]	Ms mAb	Hu, Ms, Rat	IHC-P, WB
GTX101165	JNK1 antibody	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
GTX84144	JNK1 antibody [4E3]	Ms mAb	Hu	ICC/IF, IHC-P, WB
GTX130356	LAMP1 antibody	Rb pAb	Hu	WB
GTX103214	LAMP2 antibody	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX102026	MCL1 antibody	Rb pAb	Hu, Ms	ICC/IF, IHC, IHC-P, WB
GTX84135	MCL1 antibody [2E11]	Ms mAb	Hu	FACS, ICC/IF, IHC, IHC-P, WB
GTX132580	mLST8 / GBL antibody [N2C3]	Rb pAb	Hu, Ms, Rat	IHC-P, WB
GTX124771	Mtor antibody	Rb pAb	Zfish	IHC-P, WB, IHC-Wm
GTX101558	mTOR antibody [C1], Internal	Rb pAb	Hu, Ms, Rat	WB
GTX101557	mTOR antibody [C3], C-term	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, IP, WB, ChIP assay
GTX630198	mTOR antibody [GT649]	Ms mAb	Hu, Ms	IHC-P, WB
GTX114539	NBR1 antibody	Rb pAb	Hu, Ms	IHC-P, WB
GTX115378	NDP52 antibody	Rb pAb	Hu	ICC/IF, IHC-P, IP, WB
GTX630397	NDP52 antibody [GT1813]	Ms mAb	Hu	ICC/IF, WB
GTX630396	NDP52 antibody [GT422]	Ms mAb	Hu	ICC/IF, IP, WB
GTX108811	NOD1 antibody [C2C3], C-term	Rb pAb	Hu	ICC/IF, WB
GTX30694	NOD2 antibody	Rb pAb	Hu, Mk	WB
GTX30615	NOD2 antibody [2D9]	Ms mAb	Hu	IHC-F, IP, WB
GTX105447	Optineurin antibody	Rb pAb	Hu	ICC/IF, IHC-P, IP, WB
GTX100444	p21 Cip1 antibody	Rb pAb	Hu, Rat	ICC/IF, WB
GTX112898	p21 Cip1 antibody	Rb pAb	Hu, Chk	ICC/IF, IHC-P, WB
GTX629543	p21 Cip1 antibody [GT1032]	Ms mAb	Hu, Ms	ICC/IF, IP, WB
GTX629627	p21 Cip1 antibody [GT8611]	Ms mAb	Hu	ICC/IF, WB
GTX117515	p53 (mono-methyl Lys372) antibody	Rb pAb	Hu	ICC/IF, IHC-P, WB
GTX102965	p53 antibody	Rb pAb	Hu	ICC/IF, IHC-P, IP, WB, ChIP assay
GTX128135	p53 antibody	Rb pAb	Zfish	WB, IHC-Wm
GTX70214	p53 antibody [D01]	Ms mAb	Hu	ELISA, FACS, ICC/IF, IHC-Fr, IHC-P, IP, WB
GTX70216	p53 antibody [Pab1801]	Ms mAb	Hu	ELISA, FACS, IHC-Fr, IHC-P, IP, RIA, WB, ChIP assay
GTX89242	PARK2 antibody, Internal	Gt pAb	Hu	ELISA, WB
GTX31094	Parkin (phospho Ser101) antibody	Rb pAb	Hu	WB
GTX82618	Parkin (phospho Ser378) antibody	Rb pAb	Hu	WB
GTX25667	Parkin antibody	Rb pAb	Hu, Rat	IHC, IP, WB
GTX108953	PI3-Kinase p150 antibody [C1C3]	Rb pAb	Hu	IP, WB
GTX107851	PINK1 antibody [N3C3]	Rb pAb	Hu	ICC/IF, WB
GTX88986	PINK1 antibody, Internal	Gt pAb	Rat	WB
GTX118391	PRAS40 antibody	Rb pAb	Hu, Ms	IHC-P, WB
GTX50130	PTEN (phospho Ser380/Thr382/Thr383) antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
GTX101025	PTEN antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB
GTX109675	PUMA antibody [C2C3], C-term	Rb pAb	Hu	IHC-P, IP, WB
GTX113301	RAB11A antibody	Rb pAb	Hu	WB
GTX117197	RAB11FIP1 antibody [N1N2], N-term	Rb pAb	Hu	IHC-P, WB
GTX120640	RAB11FIP3 antibody [C2C3], C-term	Rb pAb	Hu	IHC-P, WB
GTX120985	RAB11-FIP5 antibody [N2C1], Internal	Rb pAb	Hu, Ms	IHC-P, WB
GTX116390	RAB33B antibody [N2C3]	Rb pAb	Hu, Ms	IHC-P, WB
GTX13253	Rab5 antibody	Rb pAb	Hu, Ms, Dog, Mk, Pig, Rat, Gpig, Hm, Bov	ICC/IF, IHC, IP, WB
GTX16196	RAB7A antibody [Rab7-117]	Ms mAb	Hu, Ms, Chk, Mk, Rat, Bov	ELISA, ICC/IF, IP, WB
GTX22810	Rab9 antibody [Mab9]	Ms mAb	Hu, Dog, Mk, Rat, Hm, NHuPrm, Bov	FACS, ICC/IF, IHC, IHC-P, IM, IP, WB
GTX108597	Rheb antibody [N1C3]	Rb pAb	Hu	WB
GTX82789	RICTOR antibody [7B3]	Ms mAb	Hu, Ms, Mk	ELISA, FACS, ICC/IF, IHC, IHC-P, WB
GTX104617	RICTOR antibody [C3], C-term	Rb pAb	Hu	ICC/IF, IHC, IHC-P, WB
GTX129096	Rubicon antibody	Rb pAb	Hu	IP, WB
GTX116925	SESN2 antibody	Rb pAb	Hu	WB
GTX16974	ULK1 antibody	Rb pAb	Hu	ICC/IF, WB
GTX111476	ULK2 antibody [C2C3], C-term	Rb pAb	Hu, Ms	ICC/IF, IHC-P, WB
GTX129528	VPS34 antibody	Rb pAb	Hu	IP, WB
GTX107893	VPS34 antibody [C1C3]	Rb pAb	Hu	WB
GTX128167	WIPI1 antibody	Rb pAb	Hu, Ms	WB
GTX129279	WIPI1 antibody	Rb pAb	Hu	WB
GTX122101	WIPI2 antibody	Rb pAb	Hu	FACS, ICC/IF, IHC-P, WB