

APC Antibody

Catalog No: #33153

Package Size: #33153-1 50ul #33153-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

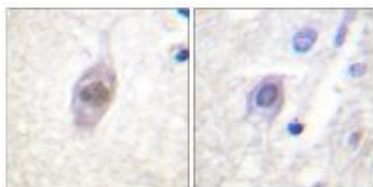
Description

Product Name	APC Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total APC protein
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human APC.
Target Name	APC
Other Names	APC; APC protein; Adenomatous polyposis coli protein; DP2.5; mAPC
Accession No.	Swiss-Prot: P25054NCBI Gene ID: 324
SDS-PAGE MW	310kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue using APC antibody #33153.

Background

Tumor suppressor. Promotes rapid degradation of CTNNB1 and participates in Wnt signaling as a negative regulator. APC activity is correlated with its

phosphorylation state. Activates the GEF activity of SPATA13 and ARHGEF4. Plays a role in hepatocyte growth factor (HGF)-induced cell migration. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Acts as a mediator of ERBB2-dependent stabilization of microtubules at the cell cortex. It is required for the localization of MACF1 to the cell membrane and this localization of MACF1 is critical for its function in microtubule stabilization.

Matthew Bjerknes, *Am. J. Pathol.*, Jun 1999; 154: 1831.

T Maltzman, *Carcinogenesis*, Dec 1997; 18: 2435 - 2439.

Jean Schneikert, *Hum. Mol. Genet.*, Jan 2007; 16: 199 - 209.

Dhaval M. Patel, *J. Immunol.*, Nov 1999; 163: 5201

Note: This product is for in vitro research use only and is not intended for use in humans or animals.