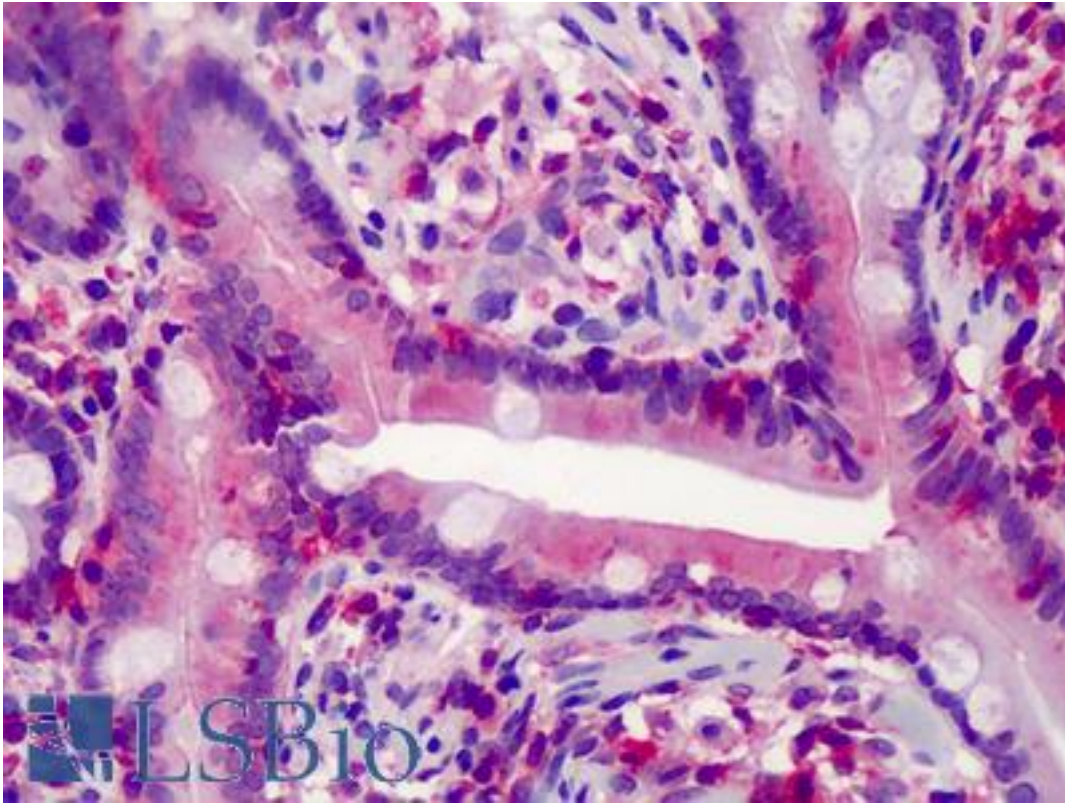


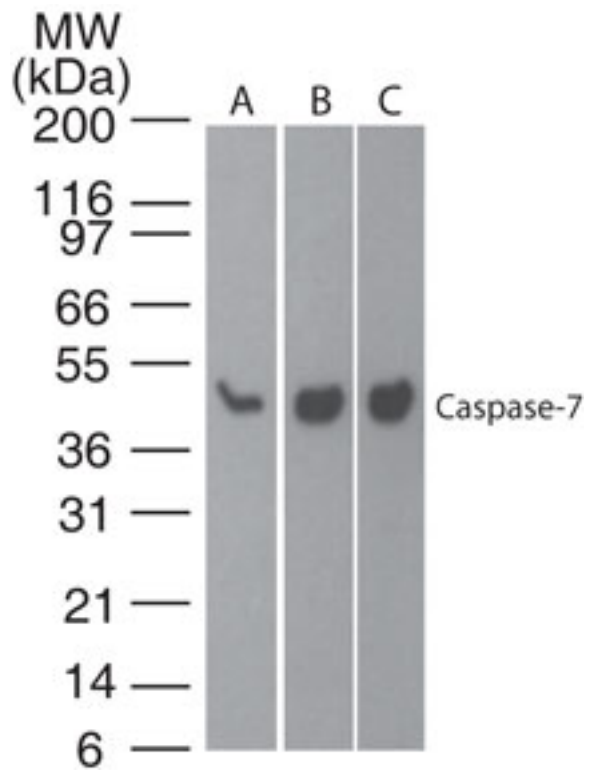
CASP7 / Caspase 7 Mouse anti-Human Monoclonal (25B881.1) Antibody - LS-B2020 - LSBio	
CatalogID:	LS-B2020
Validation:	This antibody replaces catalog number LS-C506. It has been validated for use in the following assays: IHC-P.
Target:	caspase 7, apoptosis-related cysteine peptidase (CASP7)
Synonyms:	CASP7 Antibody, Apoptotic protease Mch-3 Antibody, Caspase 7 Antibody, Caspase-7 Antibody, ICE-LAP3 Antibody, LICE2 Antibody, MCH3 Antibody, ICE-like apoptotic protease 3 Antibody, CASP-7 Antibody, CMH-1 Antibody
Family / Subfamily:	Protease / Cysteine C14
Host	CASP7 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	25B881.1
Immunogen Species:	CASP7 / Caspase 7 antibody was raised against Human
Immunogen:	CASP7 / Caspase 7 antibody was raised against recombinant human CASP7 / Caspase 7.
Specificity:	This antibody was generated against recombinant protein of active form of human Caspase-7.
Reactivity:	Human
Purification:	Protein G purified
Presentation:	PBS containing 0.2% gelatin and 0.05% sodium azide.
Recommended Storage:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2020 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2020 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1 - 2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



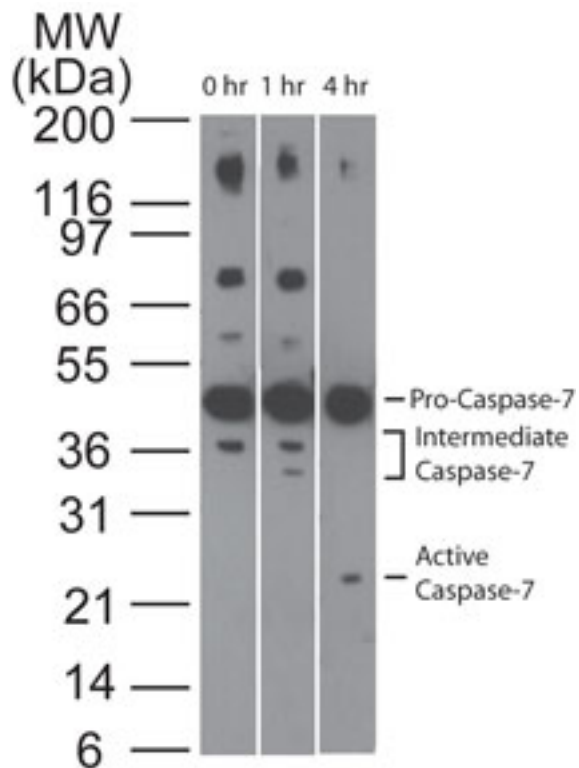
Anti-Caspase 7 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2020 concentration 10 ug/ml.

Western Blot Image:



Western blot of Caspase-7 in A) human brain, B) mouse brain and C) rat brain lysate using Caspase-7 antibody at 1 ug/ml.

Western Blot Image:



Western blot analysis of Caspase-7 in Jurkat cells using Caspase-7 antibody at 1 ug/ml. Cells were treated with 2 uM staurosporine for different time periods. Caspase-7 activation is detected in western blots by the presence of Caspase-7 cleavage fragments. The antibody detected both pro (full-length) and active (cleaved) Caspase-7, depending on the treatment time points. A basal level of endogenous intermediate Caspase-7 can be seen in untreated Jurkat cells.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/23/2014

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