

Rabbit Caspase-13 Polyclonal Antibody | anti-CASP4 antibody

Caspase-13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40004	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

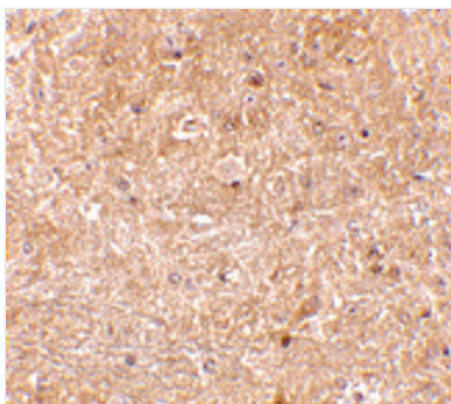
PRODUCT SYNONYMS

Caspase-13; Polyclonal Antibody; Caspase-13 Antibody; CASP13; Evolutionary related interleukin-1-beta-converting enzyme; CASP-13; caspase 4; apoptosis-related cysteine peptidase; anti-CASP4 antibody

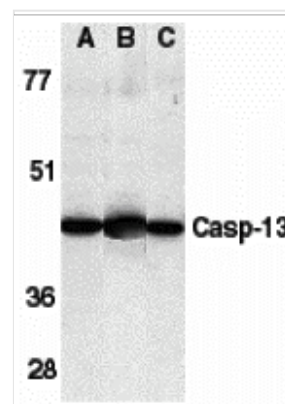
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caspase-13 Antibody is Ion exchange chromatography purified.
Form/Format	Liquid
Sequence Length	377
Applicable Applications for anti-CASP4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Caspase-13 antibody was raised against a 15 amino acid peptide near the amino terminus of human Caspase-13.
Buffer	Caspase-13 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Caspase-13 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of caspase-13 in mouse brain tissue with caspase-13 antibody at 10 µg/mL.


WB (Western Blot)

Western blot analysis of caspase-13 in human HL60 cell lysate (A), mouse brain (B) and rat brain (C) tissue lysates with caspase-13 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP4 antibody	Caspase-13 Antibody: Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death is finally caused by members of the caspase family of proteases and caspase activated DNases. A novel member in the caspase family was recently identified and designated ERICE (for Evolutionarily Related Interleukin-1 beta Converting Enzyme) and caspase-13. Caspase-13 belongs to the ICE subfamily of caspases. Overexpression of caspase-13 induces apoptosis. Caspase-13 was activated by caspase-8, which is a key enzyme in death receptor induced apoptosis. Caspase-13 is expressed in a variety of human tissues and cell lines.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10720034
NCBI GeneID	338039
UniProt Accession #	O75601; Q5E9C1
Molecular Weight	43 kDa
NCBI Official Full Name	Caspase-13
NCBI Official Synonym Full Names	caspase 4, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	CASP13
NCBI Protein Information	caspase-4; ERICE; CASP-4; CASP-13; caspase 13; caspase-13; caspase 4, apoptosis-related cysteine protease; evolutionary related interleukin-1-beta-converting enzyme
UniProt Protein Name	Caspase-13
UniProt Gene Name	CASP13
UniProt Synonym Gene Names	CASP-13; ERICE
UniProt Entry Name	CASPD_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/caspase-13-antibody-immunohistochemistry-western-blot-elisa/40004>