Rabbit Caspase-13 Polyclonal Antibody | anti-CASP4 antibody

Caspase-13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307312	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

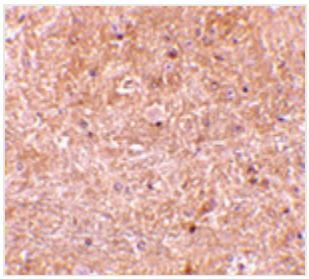
PRODUCT SYNONYMS

Caspase-13; Polyclonal Antibody; Caspase-13 Antibody; Casp-13; ERICE; anti-CASP4 antibody

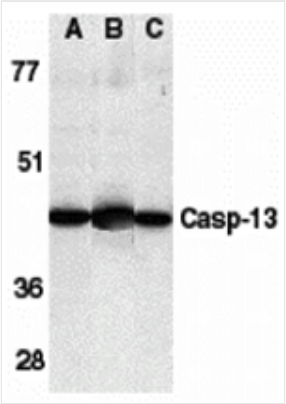
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Ion exchange chromatography purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	377
Applicable Applications for anti-CASP4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 91 to 105 of human caspase-13.
Target Name	Caspase-13
Preparation and Storage	Can be stored at -20 degree C, stable for 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 (Immunohiostchemistry)
Immunohistochemistry of caspase-13 in mouse brain tissue with caspase-13 antibody at 10 ug/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 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP4 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.
Product Categories/Family for anti-CASP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	28603750
NCBI GeneID	338039
NCBI Accession #	NP_788811.1
NCBI GenBank Nucleotide #	NM_176638.5
UniProt Accession #	O75601; Q5E9C1
Molecular Weight	36,924 Da
NCBI Official Full Name	caspase-4
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	CASP13
NCBI Protein Information	caspase-4
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/307312