

Rabbit Caspase 4 Polyclonal Antibody | anti-CASP4 antibody

Caspase 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321815	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

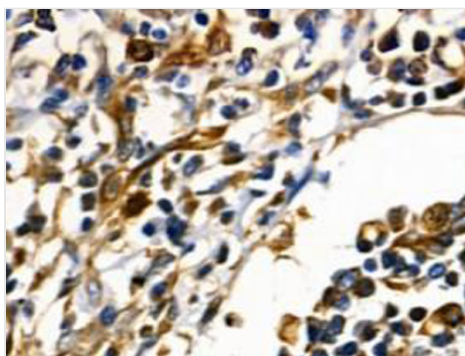
PRODUCT SYNONYMS

Caspase 4; Polyclonal Antibody; Caspase 4 Antibody; Apoptotic cysteine protease Mih1/TX; CASP-4; CASP4; CASP4_HUMAN; Caspase 4 apoptosis related cysteine peptidase; Caspase-4 subunit 2; Caspase4; ICE(rel)-II; ICE(rel)II; ICEREL II; ICH2; Mih1/TX; Protease ICH-2; Protease TX; TX; anti-CASP4 antibody

PRODUCT SPECIFICATIONS

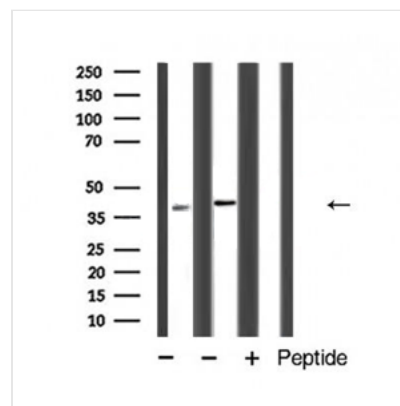
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	377
Applicable Applications for anti-CASP4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Caspase 4, corresponding to a region within the internal amino acids
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA321815 at 1/100 staining Human lung cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of Caspase 4 expression in mouse brain and lung.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP4 antibody	Description: Strict requirement for Asp at the P1 position. It has a preferred cleavage sequence of Tyr-Val-Ala-Asp- but also cleaves at Asp-Glu-Val-Asp- -. Ref.14 Enzyme regulation Inhibited by the effector protein NleF that is produced by pathogenic E.coli; this inhibits apoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502577
NCBI GeneID	837
NCBI Accession #	NP_001216.1
NCBI GenBank Nucleotide #	NM_001225.3
UniProt Accession #	P49662; O95601; Q7KXX7; Q9UG96; A2NHL8; A2NHL9; A2NHM0; B3KPZ9; B4DJH5; B4E2D2
Molecular Weight	35~50 kD
NCBI Official Full Name	caspase-4 isoform alpha
NCBI Official Synonym Full Names	caspase 4
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	TX; Mih1; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II
NCBI Protein Information	caspase-4
UniProt Protein Name	Caspase-4
UniProt Gene Name	CASP4
UniProt Synonym Gene Names	ICH2; ICH-21 PublicationManual assertion based on opinion iniRef.3

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-4-antibody-immunohistochemistry-western-blot-elisa/321815>