

Rabbit Caspase 4 Polyclonal Antibody | anti-CASP-4 antibody

Caspase 4 Antibody

CATALOG #	HOST	APPLICATIONS
AAA225067	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

Caspase 4; Polyclonal Antibody; Caspase 4 Antibody; Affinity Purified Rabbit Polyclonal Caspase 4 Antibody; Polyclonal Caspase 4 antibody; Anti-Caspase 4 antibody; Caspase -4 antibody; caspase 4 apoptosis-related cysteine peptidase antibody; protease TX antibody; caspase-4 antibody; Caspase 4 antibody; ICEREL-II antibody; CASP-4 antibody; Caspase -4; ICE(rel)II antibody; TX antibody; apoptotic cysteine protease Mih1/TX antibody; ICE(rel)-II antibody; CASP4 antibody; caspase 4 apoptosis-related cysteine protease antibody; ICH-2 antibody; protease ICH-2 antibody; Mih1/TX antibody; anti-CASP-4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 1% BSA, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	373
Applicable Applications for anti-CASP-4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Caspase 4 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 68 and 162 of Caspase 4
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



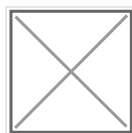
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SAS xenograft using Caspase 4 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 10% SDS PAGE gel and Caspase 4 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using caspase-4 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP-4 antibody	This gene encodes a protein that is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain and a large and small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis.
Product Categories/Family for anti-CASP-4 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	76253906
NCBI GeneID	114555
NCBI GenBank Nucleotide #	NP_446188.2
Molecular Weight	43 kDa
NCBI Official Full Name	caspase 4
NCBI Official Synonym Full Names	caspase 4
NCBI Official Symbol	Casp4
NCBI Official Synonym Symbols	Casp11
NCBI Protein Information	caspase 4

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-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225067>