

Rabbit anti-Human Caspase-9 Polyclonal Antibody | anti-CASP9 antibody

Caspase-9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305961	Rabbit	Human	Immunocytochemistry, Western Blot, ELISA

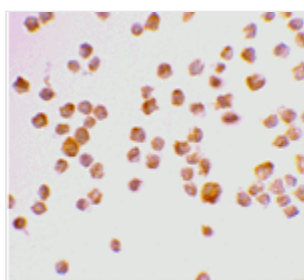
PRODUCT SYNONYMS

Caspase-9; Polyclonal Antibody; Caspase-9 Antibody; Mch6; Apaf-3; Casp-9; anti-CASP9 antibody

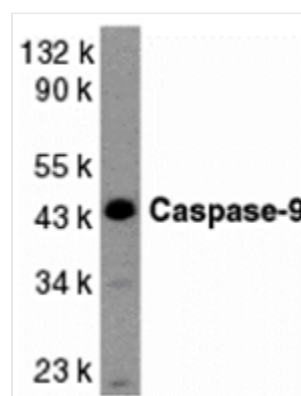
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	It has no cross response to other members in caspase family.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	416
Applicable Applications for anti-CASP9 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 299 to 318 of human caspase-9.
Target Name	Caspase-9
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


ICC (Immunocytochemistry)

Immunocytochemistry staining of K562 cells using Caspase-9 antibody at 2 ug/mL.


WB (Western Blot)

Western blot analysis of caspase-9 in HeLa whole cell lysate with Caspase-9 antibody at 1:1000 dilution

ADDITIONAL INFORMATION

Related Product Information for anti-CASP9 antibody	Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. A novel member in the caspase family was recently identified and designated ICE-LAP6, Mch6, and Apaf-3. Caspase-9 and Apaf-1 bind to each other, which leads to caspase-9 activation. Caspase-9 is also activated by granzyme B and CPP32. Activated caspase-9 cleaves and activates caspase-3 that is one of the key proteases, being responsible for the proteolytic cleavage of many key proteins in apoptosis. Caspase-9 play a central role in cell death induced by a wide variety of apoptosis activators including TNFa, TRAIL, anti-CD-95, FADD, and TRADD. Caspase-9 is expressed in a variety of human tissues.
Product Categories/Family for anti-CASP9 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790124
NCBI GeneID	842
NCBI Accession #	NP_001220.2
NCBI GenBank Nucleotide #	NM_001229.4
UniProt Accession #	P55211; O95348; Q53Y70; Q5JRU9; Q5UGI1; Q92852; Q9BQ62; Q9UEQ3; Q9UIJ8; B4E1A3
Molecular Weight	36,564 Da
NCBI Official Full Name	caspase-9 isoform alpha
NCBI Official Synonym Full Names	caspase 9, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP9
NCBI Official Synonym Symbols	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
NCBI Protein Information	caspase-9
UniProt Protein Name	Caspase-9
UniProt Gene Name	CASP9
UniProt Synonym Gene Names	MCH6; CASP-9; APAF-3; ICE-LAP6
UniProt Entry Name	CASP9_HUMAN

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-9-antibody-immunocytochemistry-western-blot-elisa/305961>