

Rabbit Caspase-9 Polyclonal Antibody | anti-CASP9 antibody

Polyclonal Antibody to Caspase-9

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78325	Rabbit	Dog, Gerbil, Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

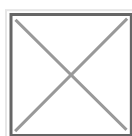
PRODUCT SYNONYMS

Caspase-9; Polyclonal Antibody; Polyclonal Antibody to Caspase-9; CASP9; MCH6; Apoptotic protease Mch-6; APAF-3; Apoptotic protease-activating factor 3; ICE-LAP6; ICE-like apoptotic protease 6; Antibody to Caspase-9; Anti-Caspase-9 Antibody; Caspase-9 Antibody; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Gerbil, Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	416
Applicable Applications for anti-CASP9 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A recombinant catalytically active of human Caspase-9 protein was used as the immunogen for this antibody
Antigen	Caspase-9
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



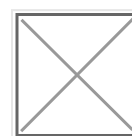
IHC (Immunohistochemistry)

Fig: 3 Formalin-fixed, paraffin-embedded human brain sections stained for cleaved Caspase-9 expression using antibody at 1: 2000. A. Section from a patient 24 hr after head trauma. B. Control: section from a patient with no known neurological disease or head injury. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 1 Formalin-fixed, paraffin-embedded dog brain sections stained for cleaved Caspase-9 expression using at 1: 2000. A and B. The pattern of Caspase-9 staining may vary between different types of neurons. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed, paraffin-embedded dog brain sections stained for cleaved Caspase-9 expression using at 1: 2000. A. Section from a dog brain 2 hr after reperfusion injury. B. Section from a dog brain sham control (brain surgery but no injury). Hematoxylin-eosin counterstain.

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 TNFalpha, TRAIL, anti-CD-95, FADD, and TRADD. Caspase-9 is expressed in a variety of human tissues. The Cleaved Caspase-9 polyclonal antibody preferentially recognizes (active) cleaved Caspase-9. Whereas the antibody has a strong preference for (active) cleaved Caspase-9, in some cell or tissue systems or techniques the antibody may also recognize the pro form of Caspase-9.
Product Categories/Family for anti-CASP9 antibody	Antibodies ; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558771
NCBI GeneID	842
UniProt Accession #	P55211 ; O95348 ; Q53Y70 ; Q5JRU9 ; Q5UGI1 ; Q92852 ; Q9BQ62 ; Q9UEQ3 ; Q9UIJ8 ; B4E1A3
Molecular Weight	36,564 Da
NCBI Official Full Name	Caspase-9
NCBI Official Synonym Full Names	caspase 9
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

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-immunoprecipitation-immunohistochemistry-western-blot-elisa/78325>