

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

Caspase-9 Antibody

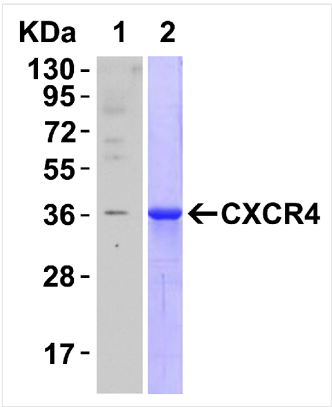
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39433	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

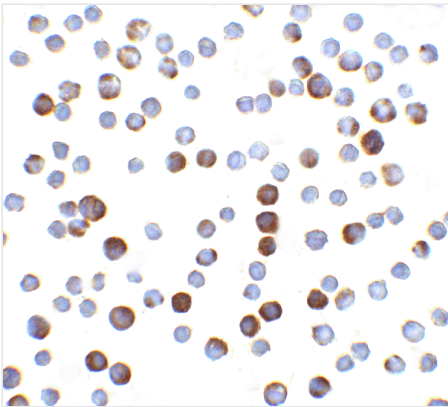
Caspase-9; Polyclonal Antibody; Caspase-9 Antibody; MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6; Apoptotic protease Mch-6; CASP-9; caspase 9; apoptosis-related cysteine peptidase; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

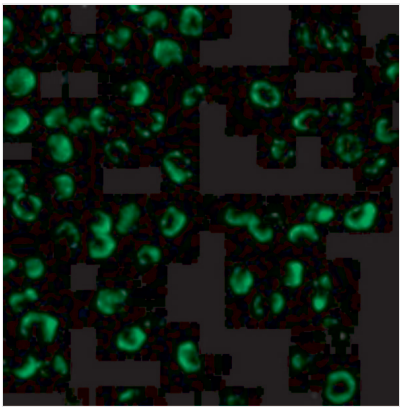
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Caspase-9 antibody is predicted to have no cross reactivity to other members in the caspase family.
Purity/Purification	Caspase-9 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	416
Applicable Applications for anti-CASP9 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Caspase-9 antibody was raised against a 20 amino acid peptide near the center of human Caspase-9.
Buffer	Caspase-9 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Caspase-9 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.



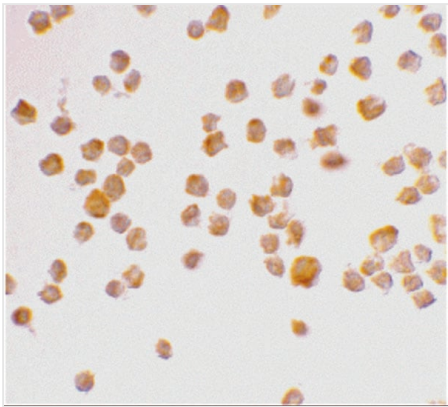
IF (Immunofluorescence)
Immunofluorescence of Caspase-9 in HeLa cells with Caspase-9 antibody at 5 μg/ml. Green: Caspase-9 Antibody (2073)Blue: DAPI staining



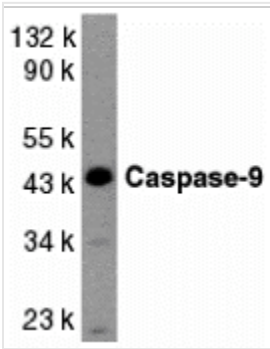
ICC (Immunocytochemistry)
Immunocytochemistry of Caspase-9 in HeLa cells with Caspase-9 antibody at 5 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of Caspase-9 in K562 cells with Caspase-9 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry staining of K562 cells using Caspase-9 antibody at 2 μg/mL.



WB (Western Blot)
Western blot analysis of caspase-9 in HeLa whole cell lysate with Caspase-9 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP9 antibody

Caspase-9 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 TNF?, TRAIL, anti-CD-95, FADD, and TRADD. Caspase-9 is expressed in a variety of human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558771
NCBI GeneID	842
UniProt Accession #	P55211; O95348; Q53Y70; Q5JRU9; Q5UGI1; Q92852; Q9BQ62; Q9UEQ3; Q9UIJ8; B4E1A3
Molecular Weight	Predicted: 46 kDa Observed: 45 kDa
NCBI Official Full Name	Caspase-9
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; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56
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://www.aaabiotech.com/polyclonal/caspase-9-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/39433>