

Mouse Caspase 9 Monoclonal Antibody | anti-CASP9 antibody

Mouse anti-Caspase 9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224046	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Western Blot

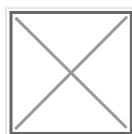
PRODUCT SYNONYMS

Caspase 9; Monoclonal Antibody; Mouse anti-Caspase 9 Antibody; MCH6; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; APAF-3; ICE-like apoptotic protease 6; ICE-LAP6; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

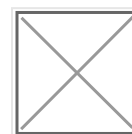
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CASP9 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Caspase 9. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation of Caspase 9 from 0.5mg Hela whole cell extract lysate, using anti-Caspase 9 Antibody.



IF (Immunofluorescence)

Immunofluorescent analysis of Caspase 9 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Caspase 9 expression in Hela (A), Jurkat (B), HepG2 (C), mouse heart (D), rat heart (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CASP9 antibody	Primary antibodies
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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	46,281 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; 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://stage.aaabiotech.com/monoclonal/caspase-9-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/224046>