

Mouse Caspase 9 Monoclonal Antibody | anti-CASP9 antibody

Caspase 9 Mouse Monoclonal Antibody

CATALOG # AAA300829	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Caspase 9; Monoclonal Antibody; Caspase 9 Mouse Monoclonal Antibody; APAF-3; APAF3; apoptotic protease activating factor 3; Apoptotic protease Mch-6; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Specificity	Antibody detects endogenous Caspase 9 protein.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-CASP9 antibody	IP (Immunoprecipitation), WB (Western Blot)
Target Name	Caspase 9
Preparation and Storage	Store at -20 degree C

IMAGES



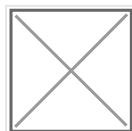
Application Data

Input: Hela Cell Lysate 2; IP product: IP dilute 1:200 Western blot analysis: primary antibody : 1:1,000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific, 1:5,000



WB (Western Blot)

Western blot analysis of 1 ©Jurkat, 2) HepG2, 3) Mouse Heart, 4) Rat Heart, using diluted at 1:3,000.



WB (Western Blot)

Western blot analysis of Hela cells, using diluted at 1 ©1:2,000 2 ©1:5,000

ADDITIONAL INFORMATION

Related Product Information for anti-CASP9 antibody	Caspase-9 is an initiator caspase, encoded by the CASP9 gene.Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).
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.