

Mouse anti-Human Caspase 9 (CASP9) Monoclonal Antibody | anti-CASP9 antibody

Monoclonal Antibody to Caspase 9 (CASP9)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149534	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

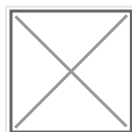
PRODUCT SYNONYMS

Caspase 9 (CASP9); Monoclonal Antibody; Monoclonal Antibody to Caspase 9 (CASP9); APAF3; ICE-LAP6; MCH6; Apoptosis-Related Cysteine Peptidase; Cysteinyl Aspartate Specific Proteinases 9; Apoptotic protease-activating factor 3; ICE-like apoptotic protease 6; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

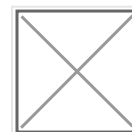
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against CASP9. It has been selected for its ability to recognize CASP9 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.58mg/ml (varies by lot)
Sequence	Ala331~Leu 411
Applicable Applications for anti-CASP9 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Ala331~Leu411
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Cardiac Muscle Tissue; Primary Ab: 30?g/ml Mouse Anti-Human CASP9 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: Lane1: Rat Heart lysate; Lane2: Porcine Heart lysate Primary Ab: 2ug/ml Mouse Anti-Human CASP9 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CASP9 antibody	Signal Transduction; Enzyme & Kinase Apoptosis; Tumor Immunity; Infection Immunity
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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-casp9-antibody-clone-c7-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149534>