

Rabbit anti-Human, Mouse CASP9 Polyclonal Antibody | anti-CASP9 antibody

CASP9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243445	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

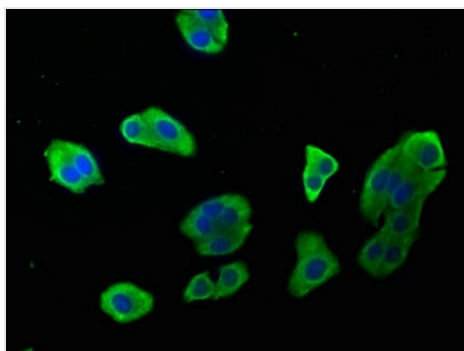
PRODUCT SYNONYMS

CASP9; Polyclonal Antibody; CASP9 Antibody; Caspase-9 (CASP-9) (EC 3.4.22.62) (Apoptotic protease Mch-6) (Apoptotic protease-activating factor 3) (APAF-3) (ICE-like apoptotic protease 6) (ICE-LAP6) [Cleaved into: Caspase-9 subunit p35; Caspase-9 subunit p10]; MCH6; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

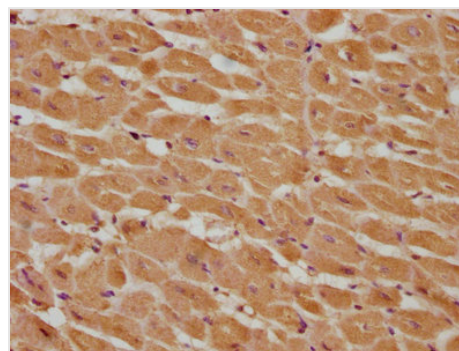
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-CASP9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Caspase-9 protein (113-324AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



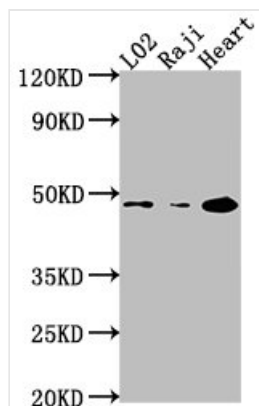
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA243445 at 1:142, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA243445 diluted at 1:285 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: L02 whole cell lysate, Raji whole cell lysate, Mouse heart tissue
 All lanes: CASP9 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 47, 31, 18, 37 kDa Observed band size: 47 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-CASP9 antibody

Cell Biology

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://www.aaabiotech.com/polyclonal/casp9-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243445>