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

pro Caspase 9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312370	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Caspase 9; Monoclonal Antibody; pro Caspase 9 Antibody; APAF-3 antibody; APAF3 antibody; Apoptotic protease Mch-6 antibody; Apoptotic protease-activating factor 3 antibody; CASP-9 antibody; CASP9 antibody; CASP9_HUMAN antibody; Caspase-9 subunit p10 antibody; ICE-LAP6 antibody; ICE-like apoptotic protease 6 antibody; ICELAP6 antibody; MCH6 antibody; anti-CASP9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JJ08-05
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CASP9 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

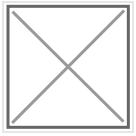
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Jurkat cells with pro Caspase 9 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-pro Caspase 9 antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of pro Caspase 9 on Hela cells lysates using anti-pro Caspase 9 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP9 antibody	A unique family of cysteine proteases has been described that differs in sequence, structure and substrate specificity from any previously described protease family. This family, Ced-3/caspase-1, is comprised of caspase-1, caspase-2, caspase-3, caspase-4, caspase-6, caspase-7 (also designated Mch3, ICE-LAP3 or CMH-1), caspase-9 and caspase-10. Ced-3/caspase-1 family members function as key components of the apoptotic machinery and act to destroy specific target proteins which are critical to cellular longevity. Poly (ADP-ribose) polymerase plays an integral role in surveying for DNA mutations and double strand breaks. Caspase-3, caspase-7 and caspase-9, but not caspase-1, have been shown to cleave the nuclear protein PARP into an apoptotic fragment. Caspase-6, but not caspase-3, has been shown to cleave the nuclear lamins, which are critical to maintaining the integrity of the nuclear envelope and cellular morphology. Caspase-10 has been shown to activate caspase-3 and caspase-7 in response to apoptotic stimuli.
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	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-clone-jj08-05-flow-cytometry-immunohistochemistry-western-blot-elisa/312370