

anti-Human Caspase 7 Monoclonal Antibody | anti-CASP7 antibody

Caspase 7 Rabbit mAb

CATALOG # AAA314563	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------------------	----------------------------	---

PRODUCT SYNONYMS

Caspase 7; Monoclonal Antibody; Caspase 7 Rabbit mAb; MCH3; CMH-1; LICE2; CASP-7; ICE-LAP3; anti-CASP7 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S03-0F2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CASP7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human pro Caspase-7
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of pro Caspase-7 in paraffin-embedded Human Cholangiocarcinoma using pro Caspase-7 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of Caspase-7 in A549, MCF-7, 293T cell lysates using Caspase-7 Rabbit mAb (1:1000 diluted). Predicted band size: 34kDa. Observed band size: 34kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP7 antibody

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502581
NCBI GeneID	840
NCBI Accession #	NP_001218.1
NCBI GenBank Nucleotide #	NM_001227.4
UniProt Accession #	P55210; Q13364; Q53YD5; Q5SVL0; Q5SVL3; Q96BA0; B4DQU7; B5BU45; D3DRB8
Molecular Weight	34,277 Da
NCBI Official Full Name	caspase-7 isoform alpha
NCBI Official Synonym Full Names	caspase 7, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP7
NCBI Official Synonym Symbols	MCH3; CMH-1; LICE2; CASP-7; ICE-LAP3
NCBI Protein Information	caspase-7; apoptotic protease MCH-3; ICE-like apoptotic protease 3; caspase 7, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-7
UniProt Gene Name	CASP7
UniProt Synonym Gene Names	MCH3; CASP-7; ICE-LAP3
UniProt Entry Name	CASP7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/caspase-7-antibody-clone-s03-0f2-immunohistochemistry-western-blot-elisa/314563>