

Rabbit Caspase-7(P11) Polyclonal Antibody | anti-CASP7 antibody

Anti-Caspase-7(P11) antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45075	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Caspase-7(P11); Polyclonal Antibody; Anti-Caspase-7(P11) antibody; Caspase-7(CASP-7); caspase 7; apoptosis-related cysteine peptidase; Apoptosis related cysteine peptidase antibody; Apoptosis Related Cysteine Protease antibody; Apoptotic protease Mch-3 antibody; Apoptotic Protease MCH3 antibody; CASP 7 antibody; CASP-7 antibody; CASP7 antibody; Caspase-7 subunit p11 antibody; Caspase7 antibody; CMH 1 antibody; CMH-1 antibody; CMH1 antibody; ICE LAP3 antibody; ICE like Apoptotic Protease 3 antibody; ICE-LAP3 antibody; ICE-like apoptotic protease 3 antibody; MCH3 antibody; anti-CASP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	303
Applicable Applications for anti-CASP7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Caspase-7 (P11) (237-255aa RGSWFVQALCSILEEHGKD), different from the related mouse and rat sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Caspase-7(P11) antibody, AAA45075, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti-Caspase-7(P11) antibody, AAA45075, Western blottingAll lanes: Anti CASP7(p11) (AAA45075) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: Rat Liver Tissue Lysate at 50ugLane 4: Rat Kidney Tissue Lysate at 50ugPredicted bind size: 34KDObserved bind size: 34KD

ADDITIONAL INFORMATION

Related Product Information for anti-CASP7 antibody	Description: Rabbit IgG polyclonal antibody for Caspase-7(CASP7) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: CASP7, Caspase-7, apoptosis-related cysteine peptidase, is a human protein encoded by the CASP7 gene. CASP7 orthologs have been identified in nearly all mammals for which complete genome data are available. CASP7 is a member of the caspase(cysteine aspartate protease) family of proteins, and has been shown to be an executioner protein of apoptosis. Using radiation hybrid mapping, the CASP7 gene was localized to human chromosome 10q25.1-q25.2. The orderly activation of CASP7 regulates microglia activation through a protein kinase C-delta(PRKCD)-dependent pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1730092
NCBI GeneID	840
UniProt Accession #	P55210; Q13364; Q53YD5; Q5SVL0; Q5SVL3; Q96BA0; B4DQU7; B5BU45; D3DRB8
Molecular Weight	31,614 Da
NCBI Official Full Name	Caspase-7
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.