

Rabbit anti-Human Caspase-6 Polyclonal Antibody | anti-CASP6 antibody

Caspase-6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39757	Rabbit	Human	Immunocytochemistry, Western Blot, ELISA

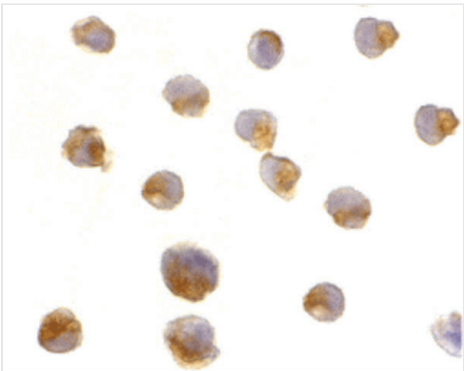
PRODUCT SYNONYMS

Caspase-6; Polyclonal Antibody; Caspase-6 Antibody; MCH2; Apoptotic protease Mch-2; CASP-6; caspase 6; apoptosis-related cysteine peptidase; anti-CASP6 antibody

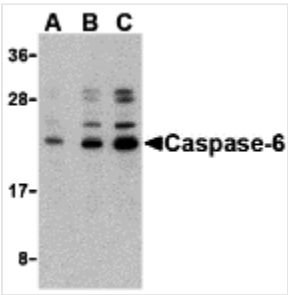
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Depending on cell lines or tissues used, either full-length or other cleavage products may be observed.
Purity/Purification	Caspase-6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	293
Applicable Applications for anti-CASP6 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Caspase-6 antibody was raised against a 15 amino acid synthetic peptide from near the amino-terminus of human Caspase-6.
Buffer	Caspase-6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Caspase-6 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of caspase-6 in Jurkat cells with caspase-6 antibody at 2 μg/mL.



WB (Western Blot)
Western blot analysis of caspase-6 in Jurkat cell lysate with caspase-6 antibody at (A) 0.5, (B) 1, and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP6 antibody	Caspase-6 Antibody: Caspases are a family of cysteine proteases that can be divided into the apoptotic and inflammatory caspase subfamilies. Unlike the apoptotic caspases, members of the inflammatory subfamily are generally not involved in cell death but are associated with the immune response to microbial pathogens. The apoptotic subfamily can be further divided into initiator caspases, which are activated in response to death signals, and executioner caspases, which are activated by the initiator caspases and are responsible for cleavage of cellular substrates that ultimately lead to cell death. Caspase-6 is an executioner caspase that was identified based on its homology with human caspases 2 and 3 as well as the <i>C. elegans</i> cell death protein CED-3. It possesses two isoforms, of which only the longer form possesses protease activity. Caspase-6 is highly expressed in adult brain and may play a role in several neuronal pathologies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14916483
NCBI GeneID	839
NCBI Accession #	NP_001217
NCBI GenBank Nucleotide #	NM_001226.3
UniProt Accession #	P55212; Q9BQE7
Molecular Weight	22,574 Da
NCBI Official Full Name	caspase-6 isoform alpha preproprotein
NCBI Official Synonym Full Names	caspase 6, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP6
NCBI Official Synonym Symbols	MCH2
NCBI Protein Information	caspase-6; apoptotic protease MCH-2; caspase 6, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-6
UniProt Gene Name	CASP6
UniProt Synonym Gene Names	MCH2; CASP-6
UniProt Entry Name	CASP6_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.

