

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

Caspase 6 (Cleaved-Asp179) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322029	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

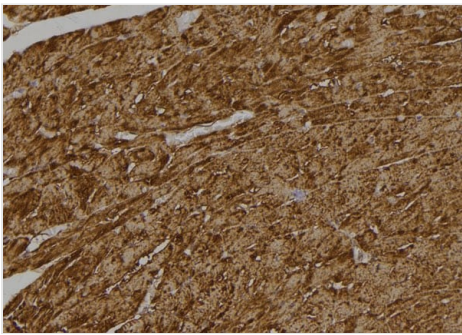
PRODUCT SYNONYMS

Caspase 6; Polyclonal Antibody; Caspase 6 (Cleaved-Asp179) Antibody; Apoptotic protease Mch-2; Apoptotic protease MCH2; CASP-6; CASP6; CASP6_HUMAN; Caspase 6 apoptosis related cysteine protease; apoptosis related cysteine peptidase; Caspase-6 subunit p11; Mch2; OTTHUMP00000162742; OTTHUMP00000162743; anti-CASP6 antibody

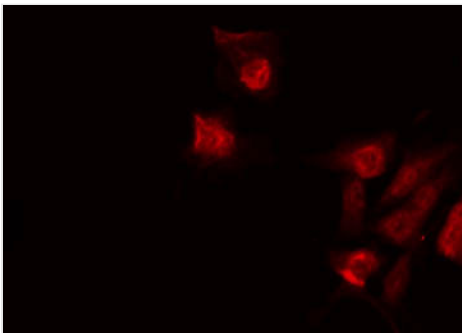
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Caspase 6 (Cleaved-Asp179) antibody detects endogenous levels of total Caspase 6 (Cleaved-Asp179)
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	293
Applicable Applications for anti-CASP6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Caspase 6 (Cleaved-Asp179)
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Dog
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

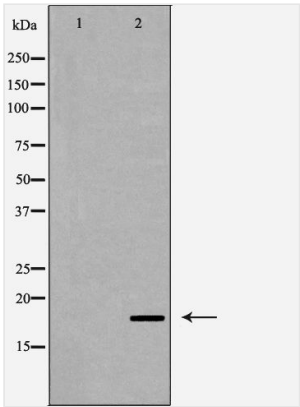
IMAGES



IHC (Immunohistochemistry)
AAA322029 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA322029 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of Caspase 6 (Cleaved-Asp179) expression in Hela cells. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP6 antibody	Description: Caspase-6 (Mch2) is one of the major executioner caspases functioning in cellular apoptotic processes. Upon apoptotic stimulation, initiator caspases such as caspase-9 are cleaved and activated. Function: Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death. Subunit Structure: Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 18 kDa (p18) and a 11 kDa (p11) subunit. Interacts with BIRC6/bruce. Post-translational Modifications: Cleavages by caspase-3, caspase-8 or-10 generate the two active subunits. Similarity: Belongs to the peptidase C14A family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14916483
NCBI GeneID	839
NCBI Accession #	NP_001217.2
NCBI GenBank Nucleotide #	NM_001226.3
UniProt Accession #	P55212; Q9BQE7
Molecular Weight	Observed: 18 kDa Predicted: 34 kDa

NCBI Official Full Name	caspase-6 isoform alpha
NCBI Official Synonym Full Names	caspase 6
NCBI Official Symbol	CASP6
NCBI Official Synonym Symbols	MCH2
NCBI Protein Information	caspase-6
UniProt Protein Name	Caspase-6
UniProt Gene Name	CASP6
UniProt Synonym Gene Names	MCH2; CASP-6

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/polyclonal/caspase-6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322029>