

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

Caspase-6 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282738	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

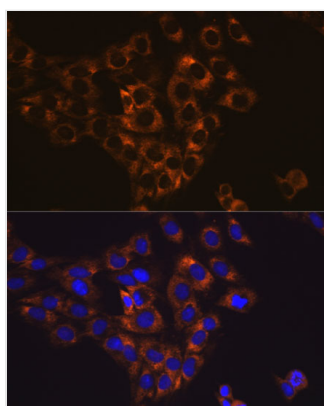
PRODUCT SYNONYMS

Caspase-6; Monoclonal Antibody; Caspase-6 Rabbit mAb; MCH2; CSP-6; caspase-6; anti-CASP6 antibody

PRODUCT SPECIFICATIONS

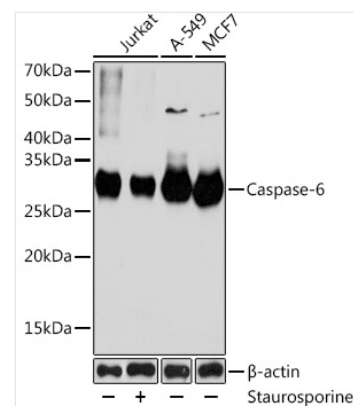
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GIALIFNHER FFWHLTLPER RGTCADRDNL TRRFSDLGFE VKCFNDLKAE ELLLKIHEVS TVSHADADCF VCVFLSHGEG NHIYAYDAKI EIQLTGLFK GDKCHSLVGK PKIFIIQA
Applicable Applications for anti-CASP6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 45-162 of human Caspase-6 (P55212).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Caspase-6 Rabbit mAb (AAA282738).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using Caspase-6 Rabbit mAb (AAA282738) at 1:1000 dilution. Jurkat cells were treated by Stausporine(1uM) at room temperature for 3 hours .Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP6 antibody	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. 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 acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms.
Product Categories/Family for anti-CASP6 antibody	Signal transduction; ErbB-HER signaling pathway; Cell biology developmental biology; Apoptosis; Caspases; Inhibition of apoptosis; Death receptor signaling pathway; Neuroscience; Neurodegenerative diseases; Amyloid plaque and neurofibrillary tangle format

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	Calculated MW: 33kDa Observed MW: 33kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/caspase-6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282738>