

Rabbit CASP6 Polyclonal Antibody | anti-CASP6 antibody

CASP6 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286352	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Immunohistochemistry, ELISA, Western Blot

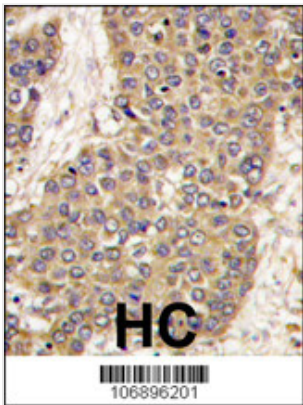
PRODUCT SYNONYMS

CASP6; Polyclonal Antibody; CASP6 Antibody (C-term); Caspase-6; CASP-6; Apoptotic protease Mch-2; Caspase-6 subunit p18; Caspase-6 subunit p11; MCH2; anti-CASP6 antibody

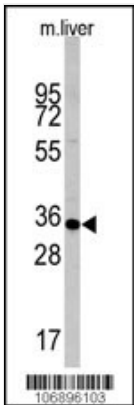
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CASP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-263 amino acids from the C-terminal region of human CASP6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Positions	235-263
Sequence Length	293
Applicable Applications for anti-CASP6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CASP6 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-CASP6 Antibody (C-term) in mouse liver tissue lysates (35ug/lane). CASP6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP6 antibody	CASP6 is 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 2 subunits, large and small, that dimerize to form the active enzyme. This protein could be processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade.
Product Categories/Family for anti-CASP6 antibody	Cancer; Cell Biology; Metabolism; Neuroscience
References	Schmeck, B., et al., Infect. Immun. 72(9):4940-4947 (2004). Mendez, E., et al., J. Virol. 78(16):8601-8608 (2004). MacLachlan, T.K., et al., Proc. Natl. Acad. Sci. U.S.A. 99(14):9492-9497 (2002). Sordet, O., et al., Leukemia 16(8):1569-1570 (2002). LeBlanc, A., et al., J. Biol. Chem. 274(33):23426-23436 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916483
NCBI GeneID	839
NCBI Accession #	NP_001217.2; NP_116787.1
NCBI GenBank Nucleotide #	NM_001226.3
UniProt Accession #	P55212; Q9BQE7
Molecular Weight	33310
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
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://www.aaabiotech.com/polyclonal/casp6-antibody-immunohistochemistry-western-blot-elisa/286352>