

Rabbit Caspase-6 Polyclonal Antibody | anti-Casp6 antibody

Polyclonal Antibody to Caspase-6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78324	Rabbit	Dog, Rat, Mouse, Human	Western Blot, Immunohistochemistry, Immunoprecipitation

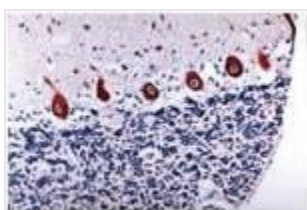
PRODUCT SYNONYMS

Caspase-6; Polyclonal Antibody; Polyclonal Antibody to Caspase-6; Casp6; LOC103689977; rCG_28913; Antibody to Caspase-6; Anti-Caspase-6 Antibody; Caspase-6 Antibody; anti-Casp6 antibody

PRODUCT SPECIFICATIONS

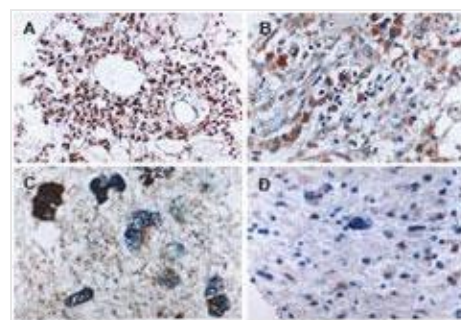
Host	Rabbit
Reactivity	Dog, Rat, Mouse, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	277
Applicable Applications for anti-Casp6 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen Information	A recombinant catalytically active human Caspase-6 protein was used as the immunogen for this antibody
Antigen	Caspase-6
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



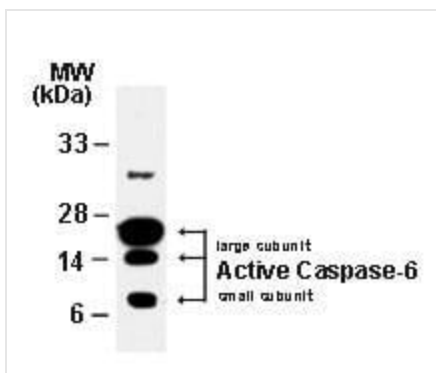
IHC (Immunohistochemistry)

Fig: 3 Formalin-fixed paraffin-embedded tissue section of dog cerebellum stained for Active/Cleaved Caspase-6 expression using Caspase-6 antibody at 1: 2000. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 2 Formalin-fixed paraffin-embedded tissue sections of human gliomas stained for Active/Cleaved Caspase-6 expression using Caspase-6 antibody at 1: 2000. Gemistocytoma (low grade tumor) at low (A) and high (B) magnification. Two examples of anaplastic, high grade (III) infiltrating gliomas (C and D). Increased active/cleaved Caspase-6 may be seen in high grade, compared to low grade tumors. Hematoxylin-eosin counterstain.



WB (Western Blot)

Fig: 1 Western blot analysis of Caspase-6 using Caspase-6 polyclonal antibody.

Recombinant catalytically active caspase-6 was Fig: 1 Western blotted with Active/Cleaved Caspase-6 antibody. The antibody detected both the large and small subunits of Caspase-6.

ADDITIONAL INFORMATION

Related Product Information for anti-Casp6 antibody

Caspases belong to the cysteine-aspartic acid protease (Caspase) family which plays a major role in the transduction of the apoptotic signal and execution of apoptosis in mammalian cells. 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. Caspase 3 (CPP32) and Caspase 6 (Mch2) are the major active caspases in apoptotic cells, and are activated in response to distinct apoptosis-inducing stimuli and in all cell lines analyzed. Both CPP32 and Mch2 are present in apoptotic cells as multiple active species. Caspase-6 cleaves nuclear mitotic apparatus protein (NuMA) and mediates the shrinkage and fragmentation of nuclei. This Active/Cleaved Caspase-6 polyclonal antibody recognizes the large and small subunits of caspase-6. Whereas the antisera has a strong preference for active/cleaved caspase-6, in some cell or tissue systems or techniques the antisera may also recognize the ~34 kDa proform of caspase-6 as well as intermediate caspase-6 cleavage fragments.

Product Categories/Family for anti-Casp6 antibody

[Antibodies](#); [Apoptosis](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	81891382
NCBI GeneID	103689977
UniProt Accession #	Q6AZ23
Molecular Weight	31,574 Da
NCBI Official Full Name	Caspase 6
NCBI Official Synonym Full Names	caspase-6
NCBI Official Symbol	LOC103689977
NCBI Protein Information	caspase-6
UniProt Protein Name	Caspase 6
UniProt Gene Name	Casp6

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/caspase-6-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/78324>