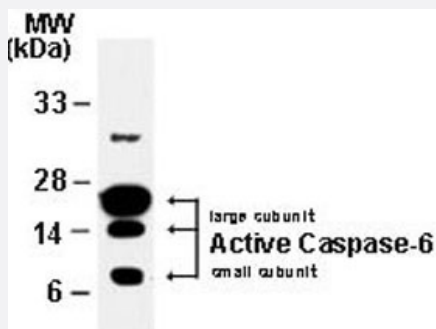


CASP6 polyclonal antibody

Catalog # PAB0244

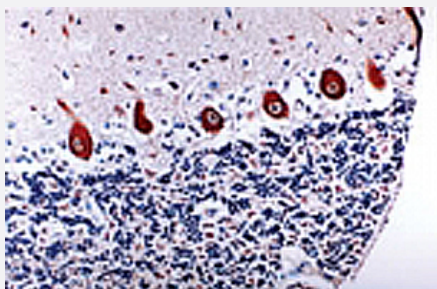
Size 50 uL

Applications



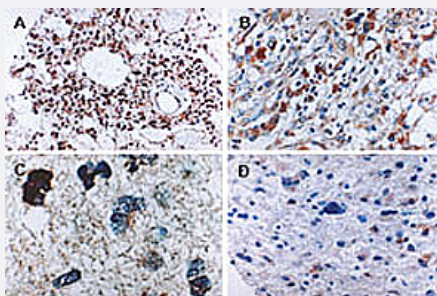
Western Blot (Recombinant protein)

Western blot analysis of Caspase-6. Recombinant catalytically active CASP6 was western blotted with Active/Cleaved CASP6 polyclonal antibody (Cat # PAB0244). The antisera detected both the large and small subunits of Active/Cleaved CASP6.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed paraffin-embedded tissue section of dog cerebellum stained for Active/Cleaved CASP6 expression. Using Active/Cleaved CASP6 polyclonal antibody (Cat # PAB0244) at 1 : 2000. Hematoxylin-eosin counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed paraffin-embedded tissue sections of human glioma stained for Active/Cleaved CASP6 expression. Using Active/Cleaved CASP6 polyclonal antibody (Cat # PAB0244) 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.

Specification

Product Description

Rabbit polyclonal antibody raised against full length recombinant CASP6.

Immunogen	Recombinant protein corresponding to full length active human CASP6.
Host	Rabbit
Reactivity	Dog, Gerbils, Human, Mouse, Rat
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis of Caspase-6. Recombinant catalytically active CASP6 was western blotted with Active/Cleaved CASP6 polyclonal antibody (Cat # PAB0244) . The antisera detected both the large and small subunits of Active/Cleaved CASP6.

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- Immunoprecipitation

Gene Info — CASP6

Entrez GeneID [839](#)

Gene Name CASP6

Gene Alias	MCH2
Gene Description	caspase 6, apoptosis-related cysteine peptidase
Omim ID	601532
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which 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 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 two transcript variants that encode different isoforms. [provided by RefSeq]
Other Designations	apoptotic protease MCH-2 caspase 6 caspase 6, apoptosis-related cysteine protease

Publication Reference

- [Early processing of Bid and caspase-6, -8, -10, -14 in the canine brain during cardiac arrest and resuscitation.](#)

Krajewska M, Rosenthal RE, Mikolajczyk J, Stennicke HR, Wiesenthal T, Mai J, Naito M, Salvesen GS, Reed JC, Fiskum G, Krajewski S.

Experimental Neurology 2004 Oct; 189(2):261.

Pathway

- [Apoptosis](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Gastrointestinal Stromal Tumors](#)

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Stomach Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)