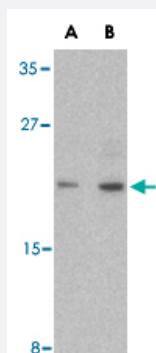


CASP6 polyclonal antibody

Catalog # PAB13138

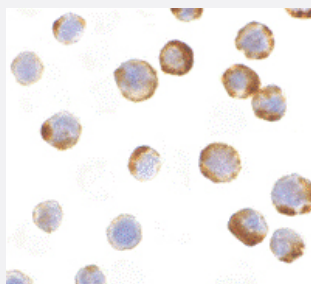
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of CASP6 in MCF-7 cell lysate with CASP6 polyclonal antibody (Cat # PAB13138) at (A) 1 and (B) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of CASP6 in MCF-7 with CASP6 polyclonal antibody (Cat # PAB13138) at 1 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CASP6.
Immunogen	A synthetic peptide corresponding to internal region 15 amino acids of human CASP6.
Host	Rabbit
Reactivity	Human
Specificity	Anti-Caspase-6 is human specific. Depending on cell lines or tissues used, either full-length or other cleavage products may be observed.
Form	Liquid

Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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 (Cell lysate)

Western blot analysis of CASP6 in MCF-7 cell lysate with CASP6 polyclonal antibody (Cat # PAB13138) at (A) 1 and (B) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of CASP6 in MCF-7 with CASP6 polyclonal antibody (Cat # PAB13138) at 1 ug/mL .

Gene Info — CASP6

Entrez GeneID	839
Protein Accession#	NP_001217
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

- [Inflammatory caspases: linking an intracellular innate immune system to autoinflammatory diseases.](#)

Martinon F, Tschopp J.

Cell 2004 May; 117(5):561.

- [Suicidal tendencies: apoptotic cell death by caspase family proteinases.](#)

Wolf BB, Green DR.

The Journal of Biological Chemistry 1999 Jul; 274(29):20049.

- [Mch2, a new member of the apoptotic Ced-3/Ice cysteine protease gene family.](#)

Fernandes-Alnemri T, Litwack G, Alnemri ES.

Cancer Research 1995 Jul; 55(13):2737.

Application: WB-Ce, WB-Re, Human, Jurkat cells, Pre-B lymphocytes, Recombinant proteins

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](#)
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- [Stomach Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)