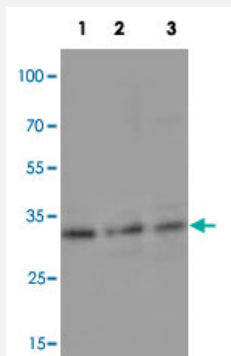


# CASP6 polyclonal antibody

Catalog # PAB19507      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of whole cell extracts with CASP6 polyclonal antibody (Cat # PAB19507).

Lane 1, HeLa

Lane 2, MCF-7

Lane 3, SMMC

## Specification

|                            |                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of CASP6.                                                                                                          |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids at N-terminus of human CASP6.                                                                                                 |
| <b>Host</b>                | Rabbit                                                                                                                                                                         |
| <b>Reactivity</b>          | Human                                                                                                                                                                          |
| <b>Form</b>                | Lyophilized                                                                                                                                                                    |
| <b>Purification</b>        | Immunoaffinity purification                                                                                                                                                    |
| <b>Isotype</b>             | IgG                                                                                                                                                                            |
| <b>Recommend Usage</b>     | Western Blot (1 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | Lyophilized from 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)                                                     |

**Storage Instruction**

Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of whole cell extracts with CASP6 polyclonal antibody (Cat # PAB19507).

Lane 1, HeLa

Lane 2, MCF-7

Lane 3, SMMC

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

## 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

## 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](#)