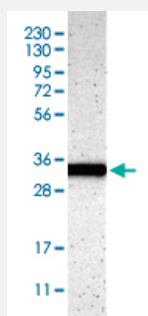


CASP6 polyclonal antibody

Catalog # PAB30528

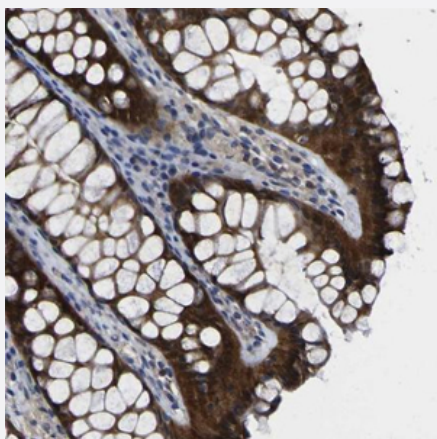
Size 100 uL

Applications



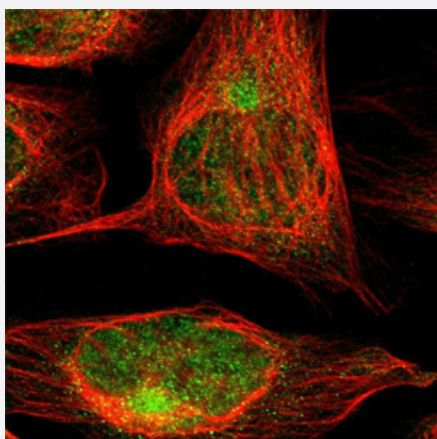
Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of human cell line RT-4 with CASP6 polyclonal antibody (Cat # PAB30528).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with CASP6 polyclonal antibody (Cat # PAB30528) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with CASP6 polyclonal antibody (Cat # PAB30528) shows positivity in cytoplasm and nucleus but excluded from the nucleoli. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human CASP6.
Immunogen	Recombinant protein corresponding to human CASP6.
Sequence	DVPVPLDVVDNQTEKLDTNITEVDAASVYTL PAGADFLMCYSVAEGYYSHRETVNGSWYIQDLCE MLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. 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 (Cell lysate) analysis of human cell line RT-4 with CASP6 polyclonal antibody (Cat # PAB30528).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with CASP6 polyclonal antibody (Cat # PAB30528) shows strong cytoplasmic positivity in glandular cells.

- Immunofluorescence

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Gene Info — CASP6

Entrez GeneID [839](#)

Protein Accession# [P55212](#)

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