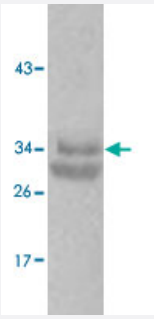
CASP7 polyclonal antibody

Catalog # PAB18852 Size 200 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of human fetal muscle lysate with CASP7 polyclonal antibody (Cat # PAB18852) at 1 : 250 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CASP7.
Immunogen	A synthetic peptide corresponding to 15 amino acids at C-terminus of human CASP7.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:10000-1:40000) Western Blot (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 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 shoul d be handled by trained staff only.

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Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  Western blot analysis of human fetal muscle lysate with CASP7 polyclonal antibody (Cat # PAB18852) at 1 : 250 dilution.

Gene Info — CASP7

Entrez GeneID	840
Gene Name	CASP7
Gene Alias	CMH-1, ICE-LAP3, MCH3
Gene Description	caspase 7, apoptosis-related cysteine peptidase
Omim ID	601761
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. The precursor of this caspase is cleaved by caspase 3 and 10. It is activated upon cell death stimuli and induces apoptosis. Alternative splicing results in four transcript variants, encoding three distinct isoforms. [provided by RefSeq
Other Designations	ICE-like apoptotic protease 3|Lice2 alpha/beta/gamma|OTTHUMP00000020510|OTTHUMP00000020511|OTTHUMP00000020512|OTTHUMP00000020514|apoptotic protease MCH-3|caspase 7|caspase 7 isoform delta|caspase 7, apoptosis-related cysteine protease

Pathway

- Apoptosis

Disease

- Adenocarcinoma
- Alzheimer Disease

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- Amnesia
- Arthritis
- Carcinoma
- Cardiovascular Diseases
- Cognition Disorders
- Colorectal Neoplasms
- Diabetes Mellitus
- Disease Progression
- Edema
- Endometrial Neoplasms
- Esophageal Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Leukemia
- Lung Neoplasms
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Sclerosis
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neovascularization

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- Neuropsychological Tests
- Occupational Diseases
- Prostatic Neoplasms
- Small Cell Lung Carcinoma
- Stomach Neoplasms
- Tobacco Use Disorder
- Waldenstrom Macroglobulinemia
- Werner syndrome

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