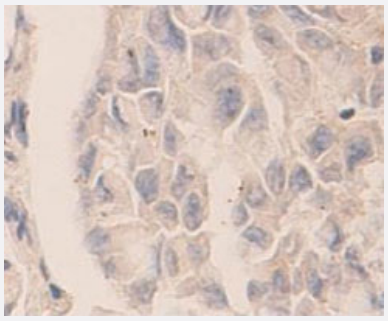
CASP7 polyclonal antibody

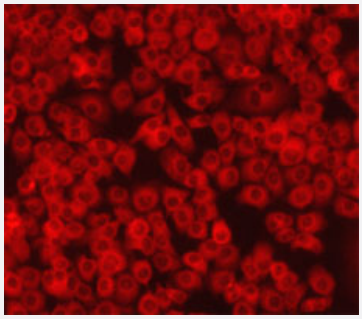
Catalog # PAB18849 Size 100 ug

Applications



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

Immunohistochemical staining of formalin-fixed paraffin-embedded human lung carcinoma tissue showing cytoplasmic staining with CASP7 polyclonal antibody (Cat # PAB18849) at 1 : 100 dilution.



Immunofluorescence

Immunofluorescent staining of HeLa cells showing cytoplasmic staining with CASP7 polyclonal antibody (Cat # PAB18849) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CASP7.
Immunogen	A synthetic peptide corresponding to amino acids at C-terminus of human CASP7.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid

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Recommend Usage	ELISA (1:20000-1:80000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:100) 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.

Applications

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

  Immunohistochemical staining of formalin-fixed paraffin-embedded human lung carcinoma tissue showing cytoplasmic staining with CASP7 polyclonal antibody (Cat # PAB18849) at 1 : 100 dilution.

- Immunofluorescence

  Immunofluorescent staining of HeLa cells showing cytoplasmic staining with CASP7 polyclonal antibody (Cat # PAB18849) at 1 : 100 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CASP7

Entrez GeneID	840
Protein Accession#	P55210
Gene Name	CASP7
Gene Alias	CMH-1, ICE-LAP3, MCH3
Gene Description	caspase 7, apoptosis-related cysteine peptidase
Omim ID	601761
Gene Ontology	Hyperlink

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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
- 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

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- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Leukemia
- Lung Neoplasms
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Sclerosis
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Neuropsychological Tests
- Occupational Diseases
- Prostatic Neoplasms
- Small Cell Lung Carcinoma
- Stomach Neoplasms
- Tobacco Use Disorder
- Waldenstrom Macroglobulinemia
- Werner syndrome

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