

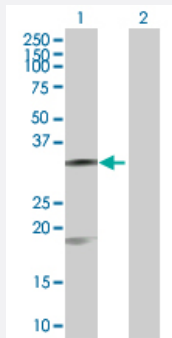
MaxPab®

CASP7 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000840-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CASP7 expression in transfected 293T cell line ([H00000840-T01](#)) by CASP7 MaxPab polyclonal antibody.

Lane 1: CASP7 transfected lysate(33.33 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CASP7 protein.
Immunogen	CASP7 (NP_001218.1, 1 a.a. ~ 303 a.a) full-length human protein.
Sequence	MADDQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKKNTMRSIKTTRDRVPTYQYNMNF EKLKGCIIINKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDSCAKMQDLLKKASEE DHTNAACFACILLSHGEENVYGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDDGIQ ADSGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEIMQIL TRVNDRVARHFESQSDDPHFHEKKQIPCVVSMILTKELYFSQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CASP7

Entrez GeneID [840](#)

GeneBank Accession# [NM_001227](#)

Protein Accession# [NP_001218.1](#)

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](#)
- [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](#)
- [Neuropsychological Tests](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)