

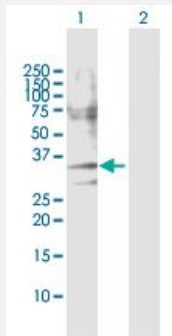
MaxPab®

CASP7 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000840-D01

Size 100 uL

Applications

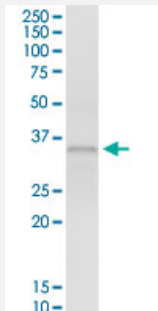


Western Blot (Transfected lysate)

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

Lane 1: CASP7 transfected lysate(34.3 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CASP7 transfected lysate using anti-CASP7 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CASP7 purified MaxPab mouse polyclonal antibody (B01P) ([H00000840-B01P](#)).

Specification

Product Description

Rabbit 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

MADDQGCIEEQGVEDSANEDSVDAPDRSSFVPSLFSKKKKKNTMRSIKTTRDRVPTYQYNMNF
EKLGKCIINNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDSCAKMQDLLKKASEE
DHTNAACFACILLSHGEENVYIGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDGQ
ADSGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEIMQIL
TRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYFSQ

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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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](#)
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- [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](#)