

DNAXPAb

Hard-to-Find
Antibody

CASP7 DNAXPab

Catalog # H00000840-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CASP7 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MADDQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKKNTMRSIKTTRDRVPTYQYNMNF EKLGKCIIINNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDSCAKMQDLLKKASEE DHTNAACFACILLSHGEENVYIGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDGIG ADSGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEIMQIL TRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYFSQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CASP7

Entrez GeneID [840](#)

GeneBank Accession# [NM_001227.3](#)

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](#)