

MaxPab®

CASP9 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000842-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CASP9 protein.
Immunogen	CASP9 (ABM82619.1, 1 a.a. ~ 416 a.a) full-length human protein.
Sequence	MDEADRRLRRCLRLVEELQVDQLWDALLSRELFRPHMEDIQRAGSGSRRDQARQLIIDLETR GSQALPLFISCLEDTGQDMLASFLRTNRQAAKLSKPTLENLTPVVLRLPEIRKPEVLRPETPRPVDI GSGGFQDVGALESLRGNADLAYILSMEPCGHCLINNPNFCRESGLRTRTGSNIDCEKLRRRFSSL HFMVEVKGDLTAKKMVLALLELAQQDHGALDCCVVVILSHGCQASHLQFPGAVYGTGCPVSV EKVNIFNGTSCPSLGGKPKLFFIQACGGEQKDHGFVASTSPEDESPGSNPEPDATPFQEGLRT FDQLDAISSLPTPSDIFVSYSTFGFVSWRDPKSGSWYVETLDDIFEQWAHSEDLQSLLLRVANA VSVKGYKQMPGCFNLRKKLFFKTS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (72)
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](#)

Gene Info — CASP9

Entrez GeneID	842
GeneBank Accession#	DQ891693.2
Protein Accession#	ABM82619.1
Gene Name	CASP9
Gene Alias	APAF-3, APAF3, CASPASE-9c, ICE-LAP6, MCH6
Gene Description	caspase 9, apoptosis-related cysteine peptidase
Omim ID	602234
Gene Ontology	Hyperlink
Gene Summary	This gene encodes 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. This protein is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade. Alternative splicing results in two transcript variants which encode different isoforms. [provided by RefSeq]
Other Designations	ICE-like apoptotic protease 6 OTTHUMP00000002322 OTTHUMP00000002323 OTTHUMP0000044594 apoptotic protease MCH-6 apoptotic protease activating factor 3 caspase 9 caspase 9, apoptosis-related cysteine protease

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [Non-small cell lung cancer](#)
- [p53 signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

- [Small cell lung cancer](#)
- [VEGF signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis](#)
- [Hodgkin Disease](#)
- [Intestinal Fistula](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)

- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [NARP](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Occupational Diseases](#)
- [Pancreatic Neoplasms](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Small Cell Lung Carcinoma](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)