

MaxPab®

CASP5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000838-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CASP5 protein.
Immunogen	CASP5 (ADR83176.1, 1 a.a. ~ 418 a.a) full-length human protein.
Sequence	MFKGILQSGLDNLVINHMLKNNVAGQTSIQTLVPNTDQKSTSVKKDNHKKKTVKMLEYLGKDV LHG VFNYLAKHDVLTLEEEKKKYDAKIEDKALILVDSL RKNRVAHQMFQTLLNMDQKITSVKPLLQI EAGPPESAESTNILKLCPEEFRLCKKNHDEIPIKKREDRRRLALICNTKFDHLPARNGAHYDIL GMKRLLQGLGYTVVDEKNLTARDMESVLRAFAARPEHKSSDSTFLVLM SHGILEGICGTAHKKKK PDVLLYDTIFQIFNNRNCLSLKDKPKVIIVQACRGEKHGELWVRDSPASLAVISSQSSENLEADSV CKIHEEKDFIAFCSSTPHNVS WRDRTRGSIFITELITCFQKYSCCCHLMEIFRKVQKSFEVPQAKAQ MPTIERATLTRDFYLFPGN
Host	Mouse
Reactivity	Human
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 — CASP5

Entrez GeneID

[838](#)

GeneBank Accession#	HQ258422.1
Protein Accession#	ADR83176.1
Gene Name	CASP5
Gene Alias	ICE(rel)III, ICEREL-III, ICH-3, MGC141966
Gene Description	caspase 5, apoptosis-related cysteine peptidase
Omim ID	602665
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. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein; this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000045729 TY protease caspase 5 caspase 5, apoptosis-related cysteine protease

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