

Datasheet

APAF1 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00000317-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human APAF1 protein.

Immunogen: APAF1 (NP_863658, 1 a.a. ~ 1205 a.a.) full-length human protein.

Sequence:

MDAKARNCLLQHREALEKDIKTSYIMDHMISDGFLTISE
EEKVRNEPTQQQRAAMLIKMLKKDNDSSYVSFYNALLH
EGYKDLAALLHDGIPVVSSSSGKDSVSGITSYVRTVLC
EGGVPQRPVVFVTRKKLVNAIQKLSKLKGEPEGWVTI
HGMAGCGKSVLAEEAVRDHSLLEGCFPGGVHVVSV
GKQDKSGLLMKLQNLCTRLDQDESFSQRLPLNIEEAK
DRLRILMLRKHPRSLILDDVWDSWVLKAFDSQCQILL
TTRDKSVTDSVMGPKYVVPVESSLGKEKGLEILSLFVN
MKKADLPEQAHSIIKECKGSPLVVSIGALLRDFPNRW
EYYLKQLQNKQFKRIRKSSSYDYALDEAMSISVEMLR
EDIKDYITDLSILQKDVKVPKVLCLWDMETEEVEDIL
QEFVNKSLFLCDRNGKSFYRYLHDLQVDFLTEKNCSQ
LQDLHKIITQFQRYHQPHLTSPDQEDCMYWYNFLAY
HMASAKMHKELCALMFSLDWIKAKTELVGPAHLIHEFV
EYRHILDEKDCAVSENFQEFSLNGLHLLGRQFPFNIVQ
LGLCEPETSEVYQQAQLQAKQEVNDGMLYLEWINKKN
ITNLSRLVVRPHTDVYHACFSEDGQRIASCGADKTLQ
VFKAETGEKLEIKAHEDEVLCFAFSTDDRFIATCSVDK
KVKIWNMTGELVHTYDEHSEQVNCCHFTNSSHLL
ATGSSDCFLKLWDLNQKECRNTMFGHTNSVNHCRFS
PDDKLLASCSADGTLKLWDATSANERKSINVKQFFLNL
EDPQEDMEVIVKCCSWSADGARIMVAAKNKIFLWNTD
SRSKVADCRGHLSWVHGVMFSPDGSSFLTSSDDQTI
RLWETKKVCKNSAVMLKQEVDDVFQENEVMVLAVDHI
RRLQLINGRTGQIDYLTEAQVSCCCLSPHLQYIAFGDE
NGAIEILELVNNRIFQSRFQHKKTVWHIQFTADEKTLIS
SSDDAEIQVWNWQLDKCIFLRGHQETVKDFRLLKNSR
LLWSFDGTVKVNITGNKEKDFVCHQGTVLSCDISH
DATKFSSTSADKTAKIWSFDLLLPLHELGRHNGCVRCS
AFSVDSTLLATGDDNGEIRIWNVSNGELLHLCAPLSEE
GAATHGGWVTDLCFSPDGKMLISAGGYIKWWNVVTG
ESSQTFYTNGTNLKKIHVSPDFKTYVTVDNLGILYILQT
LE

Host: Mouse

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 317

Gene Symbol: APAF1

Gene Alias: CED4, DKFZp781B1145

Gene Summary: This gene encodes a cytoplasmic protein that initiates apoptosis. This protein contains several copies of the WD-40 domain, a caspase recruitment domain (CARD), and an ATPase domain (NB-ARC). Upon binding cytochrome c and dATP, this protein forms an oligomeric apoptosome. The apoptosome binds and cleaves caspase 9 preproprotein, releasing its mature, activated form. Activated caspase 9 stimulates the subsequent caspase cascade that commits the cell to apoptosis. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq]