

Datasheet

APAF1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00000317-D01P

Regulation Status: For research use only (RUO)

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

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

Sequence:

MDAKARNCLLQHREALEKDIKTSYIMDHMISDGFLTISE
EEKVRNEPTQQQRAAMLIKMLKKDND SYVSFYNALLH
EGYKDLAALLHDGIPVVSSSSGKDSVSGITSYVRTVLC
EGGVPQRPVVFVTRKKLVNAIQKLSKLKGEPEGWVTI
HGMAGCGKSVLA AEAVRDHSLLEGCFPGGVHVVSV
GKQDKSGLLMKLQNLCTRLDQDESFSQRLPLNIEEAK
DRLRILMLRKHPRSLILDDVWDSWVLKAFDSQCQILL
TTRDKSVTDSVMGPKYVVPVESSLGKEKGLEILSLFVN
MKKADLPEQAHSIIKECKGSPLVVSIGALLRDFPNRW
EYYLKQLQNKQFKRIRKSSSYDYALDEAMSISVEMLR
EDIKDYITDLSILQKDVKPTKVLCLWDMETEEVEDIL
QEFVNKSLFLCDRNGKSFYYLHDLQVDFLTEKNCSQ
LQDLHKIITQFQRYHQPHLTSPDQEDCMYWYNFLAY
HMASAKMHKELCALMFSLDWIKAKTELVGPAHLIHEFV
EYRHILDEKDCAVSENFQEFSLNGHLLGRQFPFNIVQ
LGLCEPETSEVYQQAQLQAKQEVNDGMLYLEWINKKN
ITNLSRLVVRPHTDVYHACFSEDGQRIASCGADKTLQ
VFKAETGEKLEIKAHEDEVLCFAFSTDDRFIATCSVDK
KVKIWNMTGELVHTYDEHSEQVNCCHFTNSSHLLL
ATGSSDCFLKLWDLNQKECRNTMFGHTNSVNHCRFS
PDDKLLASCSADGTLKLWDATSANERKSINVKQFFLNL
EDPQEDMEVIVKCCSWSADGARIMVAAKNKIFLWNTD
SRSKVADCRGHLSWVHGVMFSPDGSSFLTSSDDQTI
RLWETKKVCKNSAVMLKQEVDDVFQENEVMVLAVDHI
RRLQLINGRTGQIDYLTEAQVSCCLSPHLQYIAFGDE
NGAIEILELVNNRIFQSRFQHKKTVWHIQFTADEKTLIS
SSDDAEIQVWNWQLDKCIFLRGHQETVKDFRLLKNSR
LLWSFDGTVKVNITGNKEKDFVCHQGTVLSCDISH
DATKFSSTSADKTAKIWSFDLLLPLHELGRHNGCVRCS
AFSVDSTLLATGDDNGEIRIWNVSNGELLHLCAPLSEE
GAATHGGWVTDLCFSPDGKMLISAGGYIKWWNVVTG
ESSQTFYTNGTNLKKIHVSPDFKTYVTVDNLGILYILQT
LE

Host: Rabbit

Reactivity: Human

Applications: WB-Ce, 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: In 1x PBS, pH 7.4

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]