

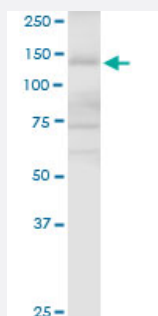
MaxPab®

APAFA1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000317-D01P

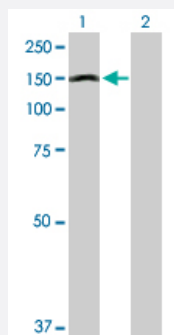
Size 100 ug

Applications



Western Blot (Cell lysate)

APAFA1 MaxPab rabbit polyclonal antibody. Western Blot analysis of APAFA1 expression in K-562.



Western Blot (Transfected lysate)

Western Blot analysis of APAFA1 expression in transfected 293T cell line ([H00000317-T02](#)) by APAFA1 MaxPab polyclonal antibody.

Lane 1: APAFA1 transfected lysate(137.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human APAFA1 protein.

Immunogen

APAFA1 (NP_863658.1, 1 a.a. ~ 1205 a.a) full-length human protein.

Sequence

MDAKARNCLLQHREALEKDIKTSYIMDHMISDGFLTISEEEKVRNEPTQQQRAAMLKMLKKDND
YVSFYNALLHEGYKDLAALLHDGIPVVSSSSGKDSVSGITSYVRTVLCGGVPQRPVVFVTRKKLV
NAIQQKLSKLKGEPEGWVTIHGMAGCGKSVLAAEAVRDHSLLEGCFPGGVHWVSVGKQDKSGLL
MKLQNLCTRLDQDESFSQRLPLNIEEAKDRLRILMLRKHPRSLILDDVWDSWVLKAFDSQCQILL
TTRDKSVTDSVMGPKYVVPVESSLGKEKGLEILSLFVNMMKKADLPEQAHSIIKECKGSPLVVSIG
ALLRDFPNRWEYYLKQLQNKQFKRIRKSSSYDYALDEAMSISVEMLREDIKDYTDLSILQKDVKV
PTKVLCLWDMETEEVEDILQEFVNKSLLFCDRNGKSFYRYLHDLQVDFLTEKNCSQLQDLHKKIIT
QFQRYHQPHLSPDQEDCMYWYNFLAYHMASAKMHKELCALMFSLDWIKAKTELVGPAHLIHEF
VEYRHILDEKDCAVSENFQEFLSLNGHLLGRQPPFNIVQLGLCEPETSEVYQQAKLQAKQEVNDG
MLYLEWINKKNITNLSRLVVRPHTDAVYHACFSEDGQRIASCGADKTLQVFKAETGEKLEIKAHE
DEVLCCAFSTDDRFIATCSVDKVKWNSMTGELVHTYDEHSEQVNCCHFTNSSHHLLLATGSSD
CFLKLWDLNQKECRNTMFGHTNSVNHCRFSPDDKLLASC SADGTLKLWDATSANERKSINVKQ
FFLNLEDPQEDMEVIVKCCSWSADGARIMVAAKNKIFLWNTDSRSKVADCRGHL SWVHGMFS
PDGSSFLTSSDDQTIRLWETKKVCKNSAVMLKQEV DVVFQENEVMVLAVDHIRRLQLINGRTGQI
DYLTEAQVSCCCLSPHLQYAFGDENGAIEILELVNNRIFQSRFQHKKT VWHIQFTADEKTLISSDD
AEIQVWNWQLDKCIFLRGHQETVKDFRLLKNSRLLSWSFDGTVKVWNIITGNKEKDFVCHQGTVL
SCDISHDATKFSSTSADKTAKWSFDLLLPLHELRGHNGCVRC SAFSV DSTLLATGDDNGEIRWN
VSNGELLHLCAPLSEEGAATHGGWVTDLCFSPDGKMLISAGGYKWWNVVTGESSQTFYTNGTN
LKKIHVSPDFKTYVTVDNLGILYILQTLE

Host

Rabbit

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 (Cell lysate)

APAF1 MaxPab rabbit polyclonal antibody. Western Blot analysis of APAF1 expression in K-562.

[Protocol Download](#)

Western Blot (Transfected lysate)

Western Blot analysis of APAF1 expression in transfected 293T cell line ([H00000317-T02](#)) by APAF1 MaxPab polyclonal antibody.

Lane 1: APAF1 transfected lysate(137.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — APAF1

Entrez GeneID [317](#)

GeneBank Accession# [NM_181868](#)

Protein Accession# [NP_863658.1](#)

Gene Name APAF1

Gene Alias CED4, DKFZp781B1145

Gene Description apoptotic peptidase activating factor 1

Omim ID [602233](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations apoptotic protease activating factor 1

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [p53 signaling pathway](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Cardiovascular Diseases](#)
- [Clubfoot](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [NARP](#)
- [Neovascularization](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)