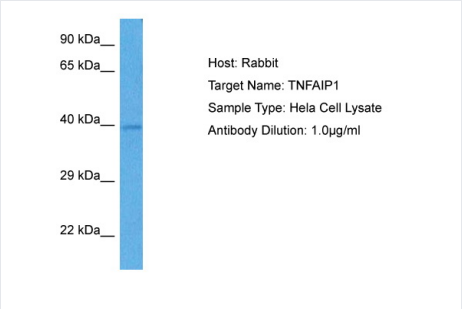
TNFAIP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TNFAIP1, Polyclonal Antibody
Full Product Name	TNFAIP1 Antibody - C-terminal region
Product Gene Name	anti-TNFAIP1 antibody
Product Synonym Gene Name	B12; B61; EDP1; BTBD34; hBACURD2
Immunogen Sequence	Synthetic peptide located within the following region: LEATSRSRSQ ASPSEDEETF ELRDRVRRIH VKRYSTYDDR QLGHQSTHRD
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	TNFAIP1 peptide (MBS3246626) is used for blocking the activity of TNFAIP1 antibody (MBS3221908)
Molecular Weight	36 kDa
OMIM	191161
3D Structure	ModBase 3D Structure for Q13829
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human TNFAIP1
Product Categories/Family for anti-TNFAIP1 antibody	Polyclonal; Cancer; Tissue Specific & Cell Marker
Applications Tested/Suitable for anti-TNFAIP1 antibody	Western Blot (WB)
Related Product Information for anti-TNFAIP1 antibody	This gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial cells. Studies of a similar gene in mouse suggest that the expression of this gene is developmentally regulated in a tissue-specific manner.
Other Notes	Small volumes of anti-TNFAIP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNFAIP1 purchase	MBS3221908 is an antibody targeting TNFAIP1. Also known as TNFAIP1 Antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TNFAIP1 antibody
Host: RabbitTarget Name: TNFAIP1Sample Tissue: Human Hela Whole Cell lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFAIP1. It may not necessarily be applicable to this product.

NCBI GI #	10863937
NCBI GeneID	7126
NCBI Accession #	NP_066960.1
UniProt Primary Accession #	Q13829
UniProt Related Accession #	Q13829
GenBank Nucleotide #	NM_021137.4
NCBI Official Full Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
NCBI Official Synonym Full Names	TNF alpha induced protein 1
NCBI Official Symbol	TNFAIP1
NCBI Official Synonym Symbols	B12; B61; EDP1; BTBD34; hBACURD2
UniProt Protein Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
UniProt Synonym Protein Names	BTB/POZ domain-containing protein TNFAIP1; Protein B12; Tumor necrosis factor, alpha-induced protein 1, endothelial
Protein Family	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein
UniProt Gene Name	TNFAIP1
UniProt Synonym Gene Names	BACURD2; EDP1; hBACURD2
UniProt Entry Name	BACD2_HUMAN
NCBI Protein Information	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2

UniProt Comments for TNFAIP1	TNFAIP1: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(BACURD2) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and cell migration. Its interaction with RHOB may regulate apoptosis. May enhance the PCNA-dependent DNA polymerase delta activity. Belongs to the BACURD family. Protein type: DNA replication; Ubiquitin conjugating system Chromosomal Location of Human Ortholog: 17q22-q23 Cellular Component: cytoplasm; nucleolus; endosome Molecular Function: protein domain specific binding; protein binding; ubiquitin-protein ligase activity; GTP-Rho binding Biological Process: proteasomal ubiquitin-dependent protein catabolic process; cell migration; embryonic development; negative regulation of Rho protein signal transduction; apoptosis; stress fiber formation; protein ubiquitination; immune response; DNA replication; protein homooligomerization; positive regulation of DNA replication
Research Articles on TNFAIP1	**1.** TNFAIP1 silence significantly increased the migrated and invaded cells compared to that in control, while these increases were abolished by miR-424 suppression.
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