

Rabbit TNFAIP1 Polyclonal Antibody | anti-TNFAIP1 antibody

TNFAIP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40834	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

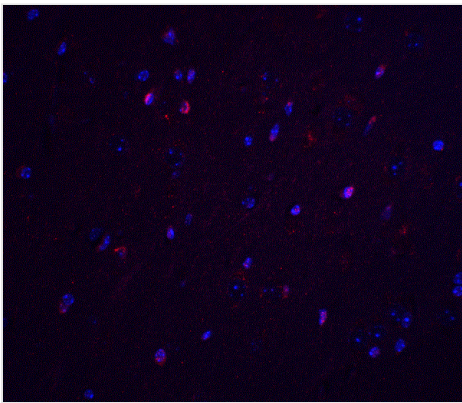
PRODUCT SYNONYMS

TNFAIP1; Polyclonal Antibody; TNFAIP1 Antibody; Tumor necrosis factor; alpha-induced protein 1; BTB/POZ domain-containing protein TNFAIP1; BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2; BACURD2; EDP1; anti-TNFAIP1 antibody

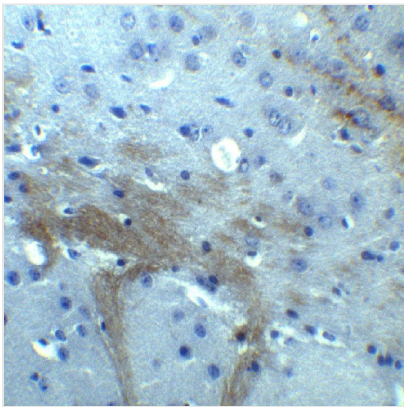
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TNFAIP1 antibody is human, mouse and rat reactive. TNFAIP1 antibody is predicted to not cross-react with other TNFAIP proteins.
Purity/Purification	Affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	316
Applicable Applications for anti-TNFAIP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	TNFAIP1 antibody was raised against a 19 amino acid peptide from near the carboxy terminus of human TNFAIP1.
Buffer	Supplied in PBS containing 0.02% sodium azide.
Positive Control 1	Mouse Brain Tissue Lysate
Conjugate	Unconjugated
Preparation and Storage	Store at 4 degree C for three months and -20 degree C, stable for up to one year.

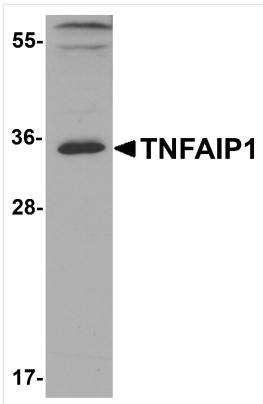
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TNFAIP1 in mouse brain tissue with TNFAIP1 antibody at 20 μ g/ml. Red: TNFAIP1 Antibody (8345) Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of TNFAIP1 in mouse brain tissue with TNFAIP1 antibody at 10 μ g/ml.



WB (Western Blot)
Western blot analysis of TNFAIP1 in mouse brain tissue lysate with TNFAIP1 antibody at 1 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFAIP1 antibody	TNFAIP1 is a BTB/POZ domain-containing protein that belongs to the KCTD10/BACURD family which mediates POZ-POZ interactions and chromatin modeling (1,2). The expression of TNFAIP1 is developmentally regulated in a tissue-specific manner and can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial cells (3). TNFAIP1 may be involved in DNA repair, DNA synthesis, and cell apoptosis. TNFAIP1 is suggested to play a role in the process of cancer and in the innate immunity against the Hepatitis B virus (4,5).
Product Categories/Family for anti-TNFAIP1 antibody	Apoptosis ; Cancer ; Innate Immunity
References	Liu M, Sun Z, Zhou A, et al. Functional characterization of the promoter region of human TNFAIP1 gene. Mol. Biol. Rep. 2010; 37:1699-705. Hu X, Yan F, Wang F, et al. TNFAIP1 interacts with KCTD10 to promote the degradation of KCTD10 proteins and inhibit the transcriptional activities of NF-kappaB and AP-1. Mol. Biol. Rep. 2012; 39:9911-9. Zhang CL, Wang C, Yan WJ, et al. Knockdown of TNFAIP1 inhibits growth and induces apoptosis in osteosarcoma cells through inhibition of the nuclear factor- κ B pathway. Oncol. Rep. 2014; 32:1149-55. Kim DM, Chung KS, Choi SJ, et al. RhoB induces apoptosis via direct interaction with TNFAIP1 in HeLa cells. Int. J. Cancer 2009; 125:2520-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863937
NCBI GeneID	7126
NCBI Accession #	NP_066960

NCBI GenBank Nucleotide #	NM_021137.4
UniProt Accession #	Q13829 ; Q5TZQ1 ; B7Z6M4
Molecular Weight	Predicted: 35 kDa Observed: 35 kDa
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
NCBI Protein Information	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
UniProt Protein Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2
UniProt Gene Name	TNFAIP1
UniProt Synonym Gene Names	BACURD2; EDP1; hBACURD2
UniProt Entry Name	BACD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfaip1-antibody-immunohistochemistry-western-blot-elisa/40834>