ARG55388
anti-TNFAIP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TNFAIP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Specificity	TNFAIP1 antibody is human, mouse and rat reactive. TNFAIP1 antibody is predicted to not cross-react with other TNFAIP proteins.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TNFAIP1
Species	Human
Immunogen	Synthetic peptide (19 aa) within the last 50 aa of Human TNFAIP1.
Conjugation	Un-conjugated
Alternate Names	BTB/POZ domain-containing protein TNFAIP1; hBACURD2; B61; BTBD34; EDP1; Tumor necrosis factor, alpha-induced protein 1, endothelial; B12; Protein B12; BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2

Application Instructions

Application table

Application	Dilution
WB	1 - 2 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Mouse Brain Tissue Lysate

Properties

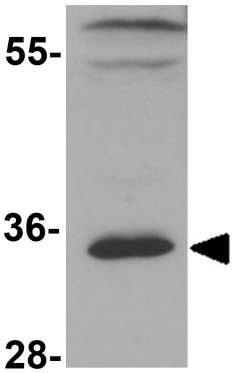
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TNFAIP1
Gene Full Name	tumor necrosis factor, alpha-induced protein 1 (endothelial)
Background	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. [provided by RefSeq, Jul 2008]
Function	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. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	36 kDa
PTM	Phosphorylation at Ser-280 by CK2 facilitates the nucleus localization and increases interaction with PCNA.

Images



ARG55388 anti-TNFAIP1 antibody WB image

Western blot: Mouse brain tissue lysate stained with ARG55388 anti-TNFAIP1 antibody at 1 ug/ml dilution.