

Anti-TNFAIP1 Antibody

Catalog # ABO10631

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	Q13829
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2(TNFAIP1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	7126
Other Names	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2, hBACURD2, BTB/POZ domain-containing protein TNFAIP1, Protein B12, Tumor necrosis factor, alpha-induced protein 1, endothelial, TNFAIP1, BACURD2, EDP1
Calculated MW	36204
Application Details	Immunocytochemistry , 0.5-1 μ g/ml, Human, Rat, Mouse Immunohistochemistry(Frozen Section), 0.5-1 μ g/ml, Human, Rat, Mouse Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Rat, Mouse, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Rat, Mouse
Subcellular Localization	Cytoplasm. Nucleus. Endosome. Colocalizes with RHOB in endosomes.
Source	Eukaryota
Protein Name	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2(hBACURD2)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TNFAIP1(27-52aa NKYVQLNVGGSLYTTVRALTRHDTM), identical to the related rat and mouse sequences.

Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the BACURD family.

Protein Information

Name	TNFAIP1
Synonyms	BACURD2, EDP1
Function	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(TNFAIP1) 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.
Cellular Location	Cytoplasm. Nucleus. Endosome. Note=Colocalizes with RHOB in endosomes

Background

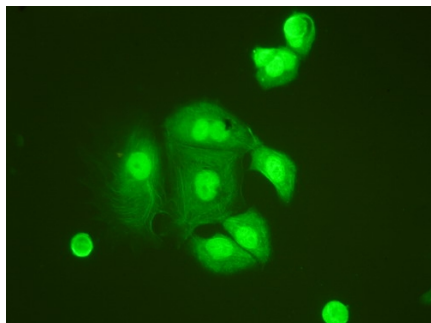
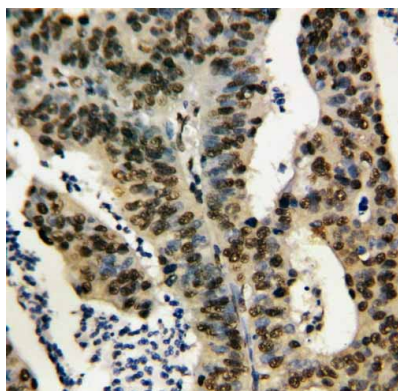
Tumor necrosis factor, alpha-induced protein 1(endothelial), also known as TNFAIP1, is a human gene. The gene, present in single copy, was located in the 17q22-q23 region. This gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha(TNF) in umbilical vein endothelial cells. Studies of a similar gene in mouse suggest that the expression of this gene is developmentally regulated in a tissue-specific manner. The protein is involved in the primary response of the endothelium to TNF.

Images



Anti-TNFAIP1 antibody, ABO10631, Western blotting
All lanes: Anti TNFAIP1(ABO10631) at 0.5ug/ml
Lane 1: Rat Thymus Tissue Lysate at 50ug
Lane 2: HELA Whole Cell Lysate at 40ug
Lane 3: COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 36KD
Observed bind size: 36KD

Anti-TNFAIP1 antibody, ABO10631, IHC(P)
IHC(P): Human Rectal Cancer Tissue



Anti-TNFAIP1 antibody, ABO10631, ICCICC: HELA Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.