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Anti-TNFAIP1 Antibody

Catalog # AP60063

Product Information

Application	WB, IHC
Primary Accession	Q13829
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36204

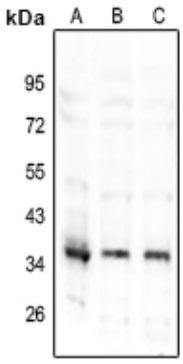
Additional Information

Gene ID	7126
Other Names	BACURD2; EDP1; 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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TNFAIP1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

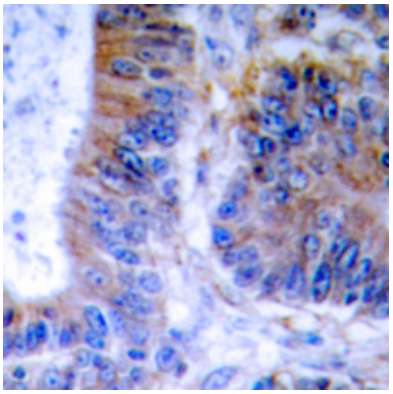
Protein Information

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

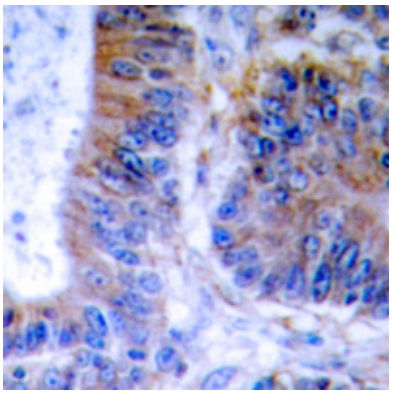
Images



Western blot analysis of TNFAIP1 expression in BV2 (A), HepG2 (B), Panc1 (C) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD)



Immunohistochemical analysis of TNFAIP1 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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