

ARG65676 anti-TNFAIP1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TNFAIP1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TNFAIP1
Species	Human
Immunogen	Fusion protein of Human TNFAIP1 (NP_066960.1).
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
	IHC-P	1:25 - 1:200
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human colon cancer, Human thyroid cancer.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
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. 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.

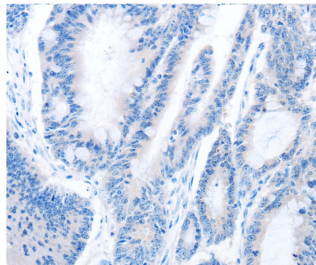
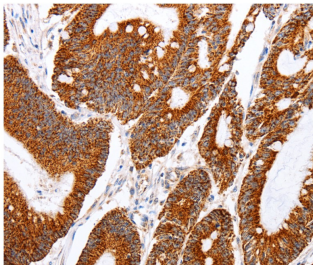
Note

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

Bioinformation

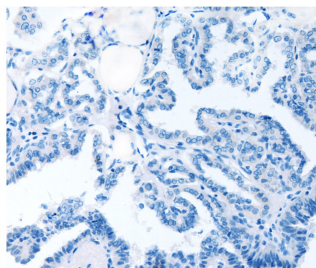
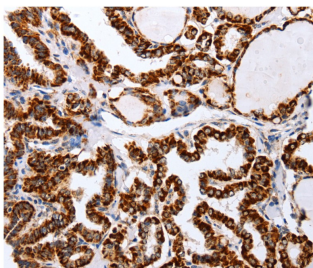
Database links	GeneID: 7126 Human Swiss-port # Q13829 Human
Gene Symbol	TNFAIP1
Gene Full Name	tumor necrosis factor, alpha-induced protein 1 (endothelial)
Background	This gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial 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



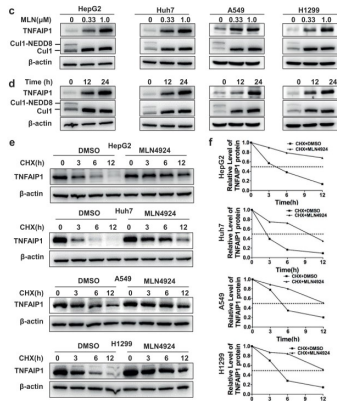
ARG65676 anti-TNFAIP1 antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human colon cancer tissue stained with ARG65676 anti-TNFAIP1 antibody (left) at 1:25 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



ARG65676 anti-TNFAIP1 antibody IHC-P image

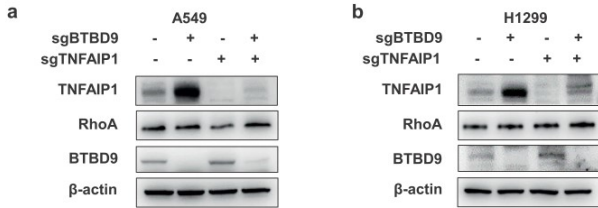
Immunohistochemistry: paraffin-embedded Human thyroid cancer tissue stained with ARG65676 anti-TNFAIP1 antibody (left) at 1:25 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



ARG65676 anti-TNFAIP1 antibody WB image

WB analysis of HepG2, Huh7, A549 and H1299 cell lysate stained with ARG65676 anti-TNFAIP1 antibody.

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 Doi: [10.1038/s41392-020-0140-z](https://doi.org/10.1038/s41392-020-0140-z)



ARG65676 anti-TNFAIP1 antibody WB image

WB analysis of control, TNFAIP1 or BTBD9 sgRNA stable expressed A549 and H1299 cell lysate stained with ARG65676 anti-TNFAIP1 antibody.

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 Doi: [10.1038/s41392-020-0140-z](https://doi.org/10.1038/s41392-020-0140-z)