Datasheet for ABIN3044360

anti-TNFAIP1 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	TNFAIP1
Binding Specificity:	AA 27-52, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Purpose:	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.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human TNFAIP1(27-52aa NKYVQLNVGGSLYYTTVRALTRHDTM), identical to the related rat and mouse sequences.
Sequence:	NKYVQLNVGG SLYYTTVRAL TRHDTM
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.

Product Details

Characteristics:	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. Gene Name: tumor necrosis factor, alpha-induced protein 1(endothelial) Protein Name: BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2(hBACURD2)
Purification:	Immunogen affinity purified.

Target Details

Target:	TNFAIP1
Alternative Name:	TNFAIP1 (TNFAIP1 Products)
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. Synonyms: BTB/POZ domain-containing protein TNFAIP1|Protein B12|Tumor necrosis factor, alpha-induced protein 1, endothelial
UniProt:	Q13829

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse IHC-P: Concentration: 0.5-1 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. IHC-F: Concentration: 0.5-1 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse ICC: Concentration: 0.5-1 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by

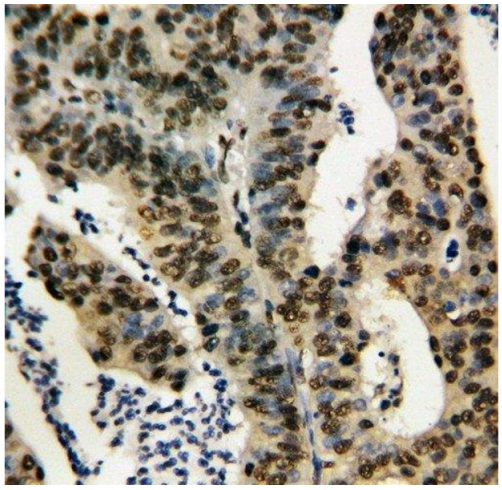
Application Details

	ABIN921231 in IHC(P), IHC(F) and ICC.
Restrictions:	For Research Use only

Handling

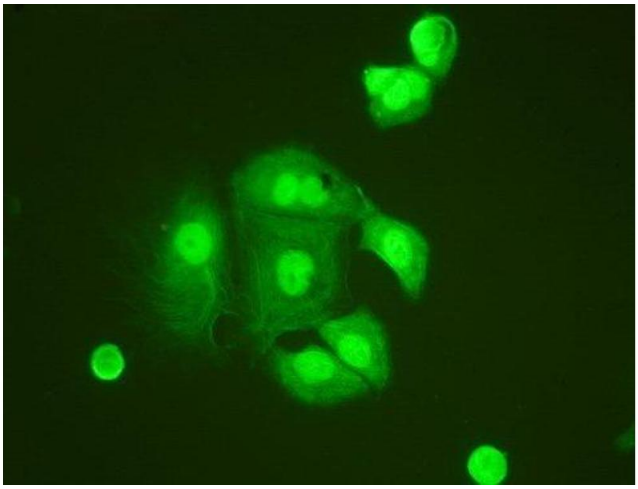
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, 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.
Expiry Date:	12 months

Images



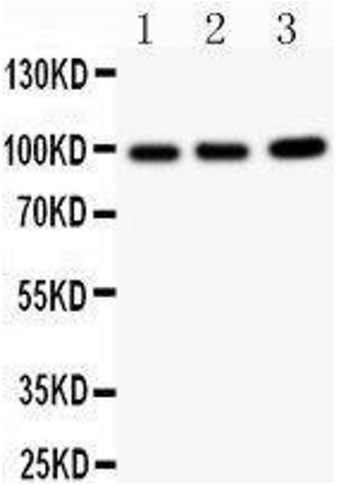
Immunohistochemistry

Image 1. Anti-TNFAIP1 antibody, IHC(P) IHC(P): Human Rectal Cancer Tissue



Immunofluorescence

Image 2. Anti-TNFAIP1 antibody, ICC ICC: HELA Cell



Western Blotting

Image 3. Anti-TNFAIP1 antibody, Western blotting All lanes: Anti TNFAIP1 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