

**TNFAIP1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5410b****Specification**

---

**TNFAIP1 Antibody (C-term) - Product Information**

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB,E                                                 |
| Primary Accession | <a href="#">O13829</a>                               |
| Other Accession   | <a href="#">O70479</a> , <a href="#">NP_066960.1</a> |
| Reactivity        | Human, Mouse                                         |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Calculated MW     | 36204                                                |
| Antigen Region    | 288-316                                              |

**TNFAIP1 Antibody (C-term) - 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

**Target/Specificity**

This TNFAIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-316 amino acids from the C-terminal region of human TNFAIP1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TNFAIP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TNFAIP1 Antibody (C-term) - 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.

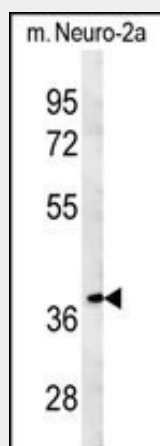
**Cellular Location**

Cytoplasm. Nucleus. Endosome. Note=Colocalizes with RHOB in endosomes

**TNFAIP1 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TNFAIP1 Antibody (C-term) - Images**

TNFAIP1 Antibody (C-term)(Cat. #AP5410b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the TNFAIP1 antibody detected the TNFAIP1 protein (arrow).

**TNFAIP1 Antibody (C-term) - 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.

**TNFAIP1 Antibody (C-term) - References**

Grinchuk, O.V., et al. BMC Genomics 11 SUPPL 1, S9 (2010) :  
Kim, D.M., et al. Int. J. Cancer 125(11):2520-2527(2009)  
Castro-Giner, F., et al. Eur. Respir. J. 33(5):1003-1009(2009)  
Yang, L.P., et al. Yi Chuan 28(8):918-922(2006)  
Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)  
Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)  
Suzuki, H., et al. Genome Res. 11(10):1758-1765(2001)  
Pandey, A., et al. Science 268(5210):567-569(1995)  
Wolf, F.W., et al. J. Biol. Chem. 267(2):1317-1326(1992)  
Holzman, L.B., et al. Mol. Cell. Biol. 10(11):5830-5838(1990)  
Dixit, V.M., et al. J. Biol. Chem. 265(5):2973-2978(1990)