

TNFAIP1 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP5410b

Specification

TNFAIP1 Blocking Peptide (C-term) - Product Information

Primary Accession

[O13829](#)

Other Accession

[O70479](#), [NP_066960.1](#)**TNFAIP1 Blocking Peptide (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

The synthetic peptide sequence is selected from aa 303-316 of HUMAN TNFAIP1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TNFAIP1 Blocking Peptide (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 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

TNFAIP1 Blocking Peptide (C-term) - Images

TNFAIP1 Blocking Peptide (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 Blocking Peptide (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)