10320 Camino Santa Fe, Suite G
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TRAF3IP2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP19044b

Specification

TRAF3IP2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O43734

TRAF3IP2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10758

Other Names
Adapter protein CIKS, Connection to IKK and SAPK/JNK, Nuclear factor NF-kappa-B activator 1, ACT1, TRAF3-interacting protein 2, TRAF3IP2, C6orf2, C6orf4, C6orf5, C6orf6

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.

TRAF3IP2 Antibody (C-term) Blocking Peptide - Protein Information

Name TRAF3IP2 (HGNC:1343)

Function
E3 ubiquitin ligase that catalyzes 'Lys-63'-linked polyubiquitination of target protein, enhancing protein-protein interaction and cell signaling (PubMed:19825828). Transfers ubiquitin from E2 ubiquitin-conjugating enzyme UBE2V1-UBE2N to substrate protein (PubMed:19825828). Essential adapter molecule in IL17A-mediated signaling (PubMed:19825828, PubMed:24120361). Upon IL17A stimulation, interacts with IL17RA and IL17RC receptor chains through SEFIR domains and catalyzes 'Lys-63'-linked polyubiquitination of TRAF6, leading to TRAF6-mediated activation of NF-kappa-B and MAPkinase pathways (PubMed:19825828).

Tissue Location
Widely expressed.

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TRAF3IP2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TRAF3IP2 Antibody (C-term) Blocking Peptide - Images

TRAF3IP2 Antibody (C-term) Blocking Peptide - Background

This gene encodes a protein involved in regulatingresponses to cytokines by members of the Rel/NF-kappaBtranscription factor family. These factors play a central role ininnate immunity in response to pathogens, inflammatory signals andstress. This gene product interacts with TRAF proteins (tumornecrosis factor receptor-associated factors) and either I-kappaBkinase or MAP kinase to activate either NF-kappaB or Jun kinase.Several alternative transcripts encoding different isoforms havebeen identified. Another transcript, which does not encode aprotein and is transcribed in the opposite orientation, has beenidentified. Overexpression of this transcript has been shown toreduce expression of at least one of the protein encodingtranscripts, suggesting it has a regulatory role in the expressionof this gene.

TRAF3IP2 Antibody (C-term) Blocking Peptide - References

Ellinghaus, E., et al. Nat. Genet. 42(11):991-995(2010)Giltiay, N.V., et al. J. Immunol. 185(1):99-109(2010)Liu, C., et al. Sci Signal 2 (92), RA63 (2009) :Li, X. Cytokine 41(2):105-113(2008)Huang, F., et al. J. Immunol. 179(10):6504-6513(2007)