

TRAF3IP2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19044b

Specification

TRAF3IP2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O43734
Other Accession	NP_679211.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	64666
Antigen Region	463-492

TRAF3IP2 Antibody (C-term) - 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

Target/Specificity

This TRAF3IP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 463-492 amino acids from the C-terminal region of human TRAF3IP2.

Dilution

WB~~1:1000

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

TRAF3IP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAF3IP2 Antibody (C-term) - 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

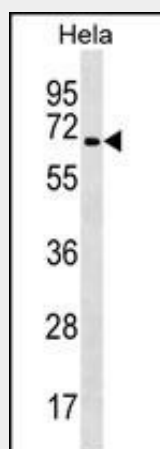
Widely expressed.

TRAF3IP2 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](#)

TRAF3IP2 Antibody (C-term) - Images



TRAF3IP2 Antibody (C-term) (Cat. #AP19044b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the TRAF3IP2 antibody detected the TRAF3IP2 protein (arrow).

TRAF3IP2 Antibody (C-term) - Background

This gene encodes a protein involved in regulating responses to cytokines by members of the Rel/NF-kappaB transcription factor family. These factors play a central role in innate immunity in response to pathogens, inflammatory signals and stress. This gene product interacts with TRAF proteins (tumor necrosis factor receptor-associated factors) and either I-kappaB kinase or MAP kinase to activate either NF-kappaB or Jun kinase. Several alternative transcripts encoding different isoforms have been identified. Another transcript, which does not encode a protein and is transcribed in the opposite orientation, has been

identified. Overexpression of this transcript has been shown to reduce expression of at least one of the protein encoding transcripts, suggesting it has a regulatory role in the expression of this gene.

TRAF3IP2 Antibody (C-term) - 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)