10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRAF3IP2 / ACT1 Antibody (aa2-15)

Rabbit Polyclonal Antibody
Catalog # ALS11736

Specification

TRAF3IP2 / ACT1 Antibody (aa2-15) - Product Information

Application	**IHC**
Primary Accession	O43734
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**65kDa KDa**

TRAF3IP2 / ACT1 Antibody (aa2-15) - 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
synthetic peptide (ppqlqetrmnrsip) corresponding to amino acids 2 to 15 of human CIKS

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
TRAF3IP2 / ACT1 Antibody (aa2-15) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAF3IP2 / ACT1 Antibody (aa2-15) - 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).

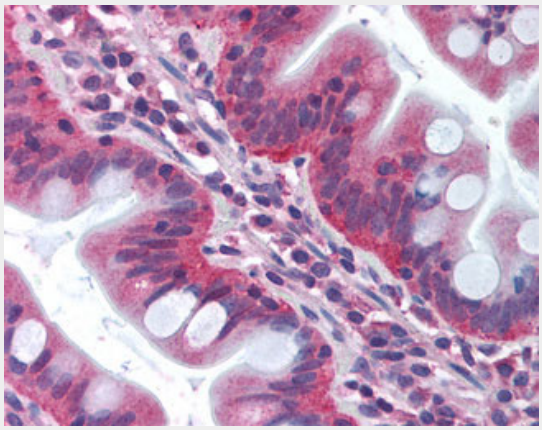
Tissue Location
Widely expressed.

TRAF3IP2 / ACT1 Antibody (aa2-15) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRAF3IP2 / ACT1 Antibody (aa2-15) - Images



Anti-TRAF3IP2 / ACT1 antibody IHC of human small intestine.

TRAF3IP2 / ACT1 Antibody (aa2-15) - Background

Could be involved in the activation of both NF-kappa-B via a NF-kappa-B inhibitor kinase (IKK)-dependent mechanism and stress-activated protein kinase (SAPK)/JNK.

TRAF3IP2 / ACT1 Antibody (aa2-15) - References

Morelli C.,et al.Gene 252:217-225(2000).
Li X.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:10489-10493(2000).
Leonardi A.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:10494-10499(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).