

TRAF3IP2 / ACT1 Antibody (clone 4A3)
Mouse Monoclonal Antibody
Catalog # ALS14081**Specification**

TRAF3IP2 / ACT1 Antibody (clone 4A3) - Product Information

Application	WB, IF, IHC
Primary Accession	O43734
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	65kDa KDa

TRAF3IP2 / ACT1 Antibody (clone 4A3) - 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

Human CIKS

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TRAF3IP2 / ACT1 Antibody (clone 4A3) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAF3IP2 / ACT1 Antibody (clone 4A3) - 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).

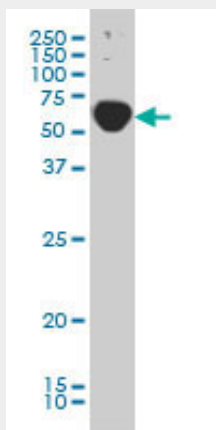
Tissue Location
Widely expressed.

TRAF3IP2 / ACT1 Antibody (clone 4A3) - Protocols

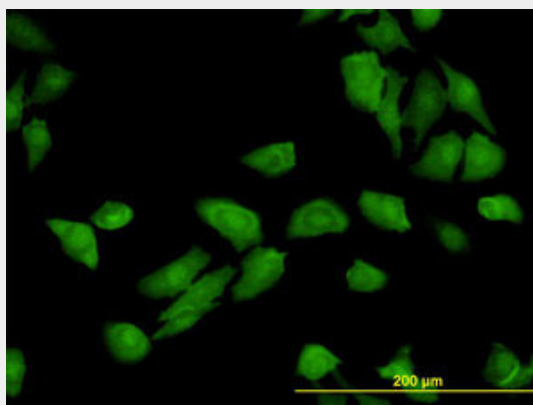
Provided below are standard protocols that you may find useful for product applications.

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

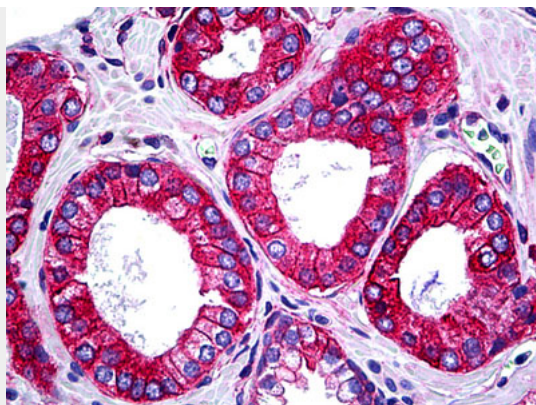
TRAF3IP2 / ACT1 Antibody (clone 4A3) - Images



Western blot of TRAF3IP2 expression in HeLa nuclear extracts with TRAF3IP2 monoclonal antibody,...



Immunofluorescence of monoclonal antibody to TRAF3IP2 on HeLa cell.



Anti-TRAF3IP2 / ACT1 antibody IHC of human prostate.

TRAF3IP2 / ACT1 Antibody (clone 4A3) - 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 (clone 4A3) - 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).