

TNIP2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16658c**Specification**

TNIP2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8NFZ5
Other Accession	NP_001154999.1 , NP_077285.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48700
Antigen Region	165-194

TNIP2 Antibody (Center) - Additional Information**Gene ID** 79155**Other Names**

TNFAIP3-interacting protein 2, A20-binding inhibitor of NF-kappa-B activation 2, ABIN-2, Fetal liver LKB1-interacting protein, TNIP2 {ECO:0000312|EMBL:EAW825141}

Target/Specificity

This TNIP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-194 amino acids from the Central region of human TNIP2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

TNIP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TNIP2 Antibody (Center) - Protein Information**Name** TNIP2 {ECO:0000312|EMBL:EAW82514.1}

Function Inhibits NF-kappa-B activation by blocking the interaction of RIPK1 with its downstream effector NEMO/IKBKG. Forms a ternary complex with NFKB1 and MAP3K8 but appears to function upstream of MAP3K8 in the TLR4 signaling pathway that regulates MAP3K8 activation. Involved in activation of the MEK/ERK signaling pathway during innate immune response; this function seems to be stimulus- and cell type specific. Required for stability of MAP3K8. Involved in regulation of apoptosis in endothelial cells; promotes TEK agonist-stimulated endothelial survival. May act as transcriptional coactivator when translocated to the nucleus. Enhances CHUK-mediated NF-kappa-B activation involving NF- kappa-B p50-p65 and p50-c-Rel complexes.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

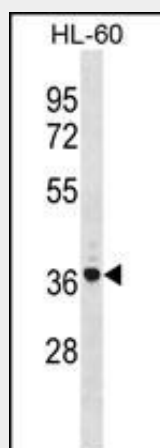
Ubiquitously expressed in all tissues examined.

TNIP2 Antibody (Center) - 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](#)

TNIP2 Antibody (Center) - Images



TNIP2 Antibody (Center) (Cat. #AP16658c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TNIP2 antibody detected the TNIP2 protein (arrow).

TNIP2 Antibody (Center) - Background

TNIP2 binds to the C-terminal zinc finger domain of A20 (TNFAIP3; MIM 191163) and is involved in activation of the ERK (see MAPK3; MIM 601795) MAP kinase pathway in various cell types (Van Huffel et al., 2001 [PubMed 11390377]; Papoutsopoulou et al., 2006 [PubMed 16633345]).

TNIP2 Antibody (Center) - References

Raychaudhuri, S., et al. Nat. Genet. 41(12):1313-1318(2009)
Handoyo, H., et al. Biochem. J. 424(1):109-118(2009)
Verstrepen, L., et al. Biochem. Pharmacol. 78(2):105-114(2009)
Huang, L., et al. Oncogene 27(47):6131-6140(2008)
Liu, Y., et al. J. Radiat. Res. 48(1):13-20(2007)