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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

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

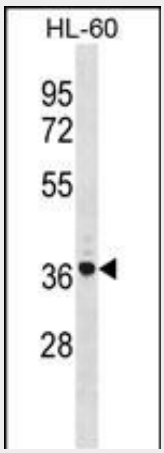
Tissue Location
Ubiquitously expressed in all tissues examined.

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 Cytomety
- 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]).

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TNIP2 Antibody (Center) - References

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Handoyo, H., et al. Biochem. J. 424(1):109-118(2009)
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