

**TNIP3 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5598A****Specification**

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**TNIP3 Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O96KP6</a>
Other Accession	<a href="#">NP_001122315.1</a> , <a href="#">NP_079149.3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	74-102

**TNIP3 Antibody (N-term) - Additional Information****Gene ID** 79931**Other Names**

TNFAIP3-interacting protein 3, A20-binding inhibitor of NF-kappa-B activation 3, ABIN-3, Listeria-induced gene protein, TNIP3 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=19315](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=19315) target="\_blank">HGNC:19315</a>), ABIN3, LIND

**Target/Specificity**

This TNIP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-102 amino acids from the N-terminal region of human TNIP3.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100

**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**

TNIP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TNIP3 Antibody (N-term) - Protein Information****Name** TNIP3 ([HGNC:19315](#))

**Synonyms** ABIN3, LIND

**Function** Binds to zinc finger protein TNFAIP3 and inhibits NF-kappa-B activation induced by tumor necrosis factor, Toll-like receptor 4 (TLR4), interleukin-1 and 12-O-tetradecanoylphorbol-13-acetate. Overexpression inhibits NF-kappa-B-dependent gene expression in response to lipopolysaccharide at a level downstream of TRAF6 and upstream of IKKB. NF-kappa-B inhibition is independent of TNFAIP3 binding.

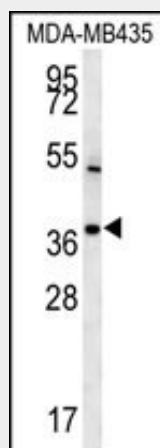
**Tissue Location**

Highly expressed in lung, lymph node, thymus and fetal liver. Expressed at lower levels in bone marrow, brain, kidney, spleen, leukocytes and tonsils. Could be detected in heart, salivary gland, adrenal gland, pancreas, ovary and fetal brain. High levels detected in liver, colon, small intestine, muscle, stomach, testis, placenta, thyroid, uterus, prostate, skin and PBL

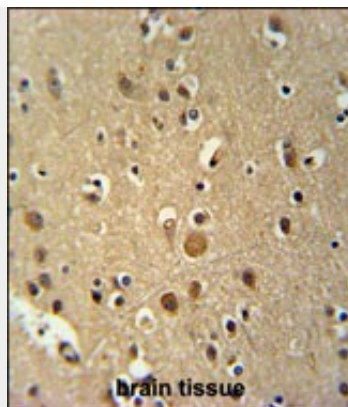
**TNIP3 Antibody (N-term) - Protocols**

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](#)

**TNIP3 Antibody (N-term) - Images**

TNIP3 Antibody (N-term) (Cat. #AP5598a) western blot analysis in MDA-MB435 cell line lysates (15ug/lane). This demonstrates the TNIP3 antibody detected the TNIP3 protein (arrow).



TNIP3 Antibody (N-term) (Cat. #AP5598a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TNIP3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **TNIP3 Antibody (N-term) - Background**

TNIP3 binds to zinc finger protein TNFAIP3 and inhibits NF-kappa-B activation induced by tumor necrosis factor, Toll-like receptor 4 (TLR4), interleukin-1 and 12-O-tetradecanoylphorbol-13-acetate. It Overexpression inhibits NF-kappa-B-dependent gene expression in response to lipopolysaccharide at a level downstream of TRAF6 and upstream of IKBKB. NF-kappa-B inhibition is independent of TNFAIP3 binding.

#### **TNIP3 Antibody (N-term) - References**

Folco, E.J., et al. J. Biol. Chem. 284(38):25569-25575(2009)  
Verstrepen, L., et al. Biochem. Pharmacol. 78(2):105-114(2009)  
Wullaert, A., et al. J. Biol. Chem. 282(1):81-90(2007)  
Staeger, H., et al. Immunogenetics 53(2):105-113(2001)