

**TNIP3 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5598a****Specification**

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

Primary Accession [O96KP6](#)  
Other Accession [NP\\_001122315.1](#), [NP\\_079149.3](#)

**TNIP3 Antibody (N-term) Blocking peptide - 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)), ABIN3, LIND

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TNIP3 Antibody (N-term) Blocking peptide - 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 IKBKB. 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) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

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