

TNFAIP3 interacting protein 3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58679

Specification

TNFAIP3 interacting protein 3 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat, Bovine
Host
Clonality
Calculated MW
Physical State

O96KP6
Rat, Bovine
Rabbit
Polyclonal
S9 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human TNFAIP3 interacting protein

3/ABIN3
Epitope Specificity
51-150/325
Isotype

Isotype Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBUNIT Interacts with TNFAIP3. Interacts with

polyubiquitin.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

affinity purified by Protein A

ABIN-3 is a member of the A20-binding inhibitor of NF-kappaB activation (ABIN) protein family. Similar to the previously characterized human ABINs (ABIN-1 and ABIN-2), ABIN-3 can bind to A20 and inhibit NF-kappaB activation. In contrast, mouse ABIN-3 is incapable of inhibiting NF-kappaB activation by proinflammatory stimuli because the protein lacks a complete ABIN homology domain, which is required for the functional activity of human ABIN-3.

TNFAIP3 interacting protein 3 Polyclonal Antibody - 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 (<a href="http://www.genenames.org/cgi-bin/gene.symbol_report?hgnc.id=19315"

href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=19315" target=" blank">HGNC:19315), ABIN3, LIND

Target/Specificity

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.

Dilution

WB~~1:1000<br \><span class
="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TNFAIP3 interacting protein 3 Polyclonal Antibody - 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

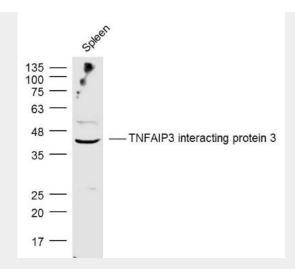
TNFAIP3 interacting protein 3 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TNFAIP3 interacting protein 3 Polyclonal Antibody - Images





Sample:

Spleen (Mouse) Lysate at 40 ug

Primary: Anti- TNFAIP3 interacting protein 3 (bs-7551R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 39 kD Observed band size: 39 kD