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TNFAIP3 interacting protein 3 Rabbit pAb

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Catalog # AP58679

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q96KP6
Reactivity	Rat, Mouse
Predicted	Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38943
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TNFAIP3 interacting protein 3/ABIN3
Epitope Specificity	51-150/325
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 funcitonal activity of human ABIN-3.

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 (HGNC:19315), ABIN3, LIND
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

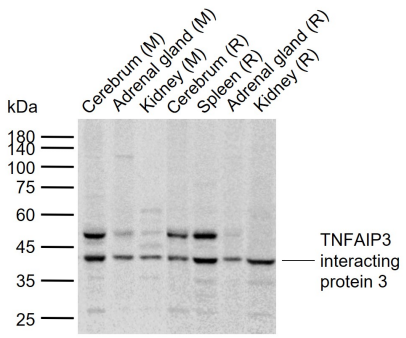
Protein Information

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

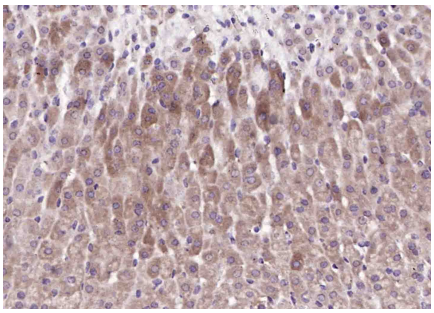
Background

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Images



Sample:
Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Adrenal gland tissue lysates
Lane 3: Mouse Kidney tissue lysates
Lane 4: Rat Cerebrum tissue lysates
Lane 5: Rat Spleen tissue lysates
Lane 6: Rat Adrenal gland tissue lysates
Lane 7: Rat Kidney tissue lysates
Primary: Anti-TNFAIP3 interacting protein 3 (AP58679) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kDa
Observed band size: 40 kDa



Paraformaldehyde-fixed, paraffin embedded (mouse adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TNFAIP3 interacting protein 3) Polyclonal Antibody, Unconjugated (AP58679) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.