

Product datasheet for **TA306824**

ABIN3 (TNIP3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ABIN3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ABIN3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	TNFAIP3 interacting protein 3
Database Link:	NP_079149 Entrez Gene 79931 Human Q96KP6



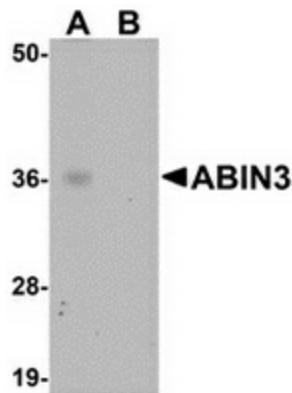
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Background:

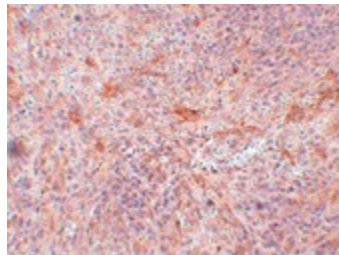
The nuclear factor NF- κ B plays key roles in development and immunity. ABIN3 (A20-binding inhibitor of NF- κ B activation 3), also known as TNFAIP3-interacting protein 3 (TNIP3), is a novel negative feedback regulator of LPS-induced NF- κ B activation. ABIN3 is a 39 kDa protein that negatively regulates NF- κ B activation in response to TNF and LPS. ABIN3 is highly expressed in brain, thymus, lymph node, lung and fetal liver, with low expression in kidney, bone marrow. Through its interaction with A20, ABIN3 interferes with TRAF2-mediated transactivation signals and NF- κ B inhibition is mediated by the ABIN-homology domain 2. ABIN3 has been found to be induced by *Listeria* infection and can be slightly downregulated by dexamethasone. Enhanced expression of ABIN3 in monocytes is associated with sepsis. Thus, ABIN3 is an IL-10-induced gene product capable of attenuating NF- κ B in human macrophages yet is inoperative in mice and represents a basis for species-specific differences in IL-10 actions. At least four isoforms of ABIN3 are known to exist.

Synonyms:

ABIN-3; LIND

Product images:

Western blot analysis of ABIN3 in human spleen tissue lysate with ABIN3 antibody at 1 μ g/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ABIN3 in mouse spleen tissue with ABIN3 antibody at 5 μ g/ml.