

Datasheet for ABIN499187
anti-TNIP3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	TNIP3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNIP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	ABIN3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ABIN3.
Isotype:	IgG
Specificity:	This antibody reacts to ABIN3 near the carboxy terminus.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TNIP3
Alternative Name:	TNIP3 (TNIP3 Products)

Target Details

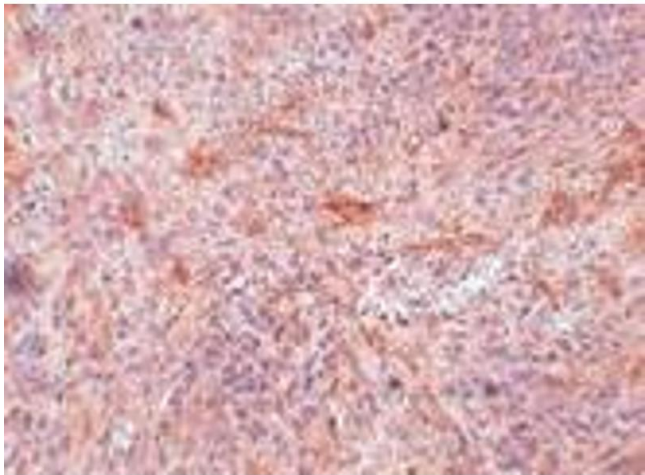
Background:	<p>The nuclear factor NF-κB plays key roles in development and immunity. ABIN3 (A20-binding inhibitor of NF-κB activation 3), also known as TNFAIP3-interacting protein 3 (TNIP3), is a novel negative feedback regulator of LPS-induced NF-κB activation. ABIN3 is a 39 kDa protein that negatively regulates NF-κB 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-κB 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-κB 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: A20-binding inhibitor of NF-kappa-B activation 3, ABIN-3, ABIN3, LIND, Listeria-induced gene protein, TNFAIP3-interacting protein 3</p>
Gene ID:	79931
NCBI Accession:	NP_079149
UniProt:	Q96KP6
Pathways:	Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	<p>ELISA. Western Blot: ABIN3 antibody can be used for detection of ABIN3 at 1 - 2 μg/mL.</p> <p>Immunohistochemistry.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

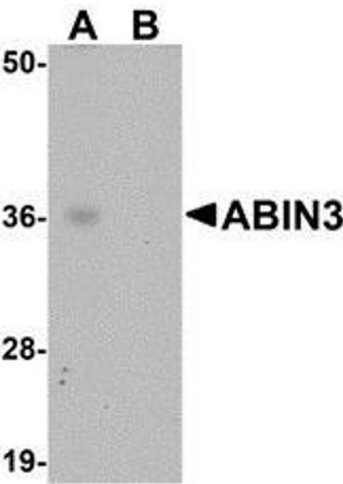
Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of ABIN3 in mouse spleen tissue with ABIN3 antibody at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of ABIN3 in human spleen tissue lysate with AP30005PU-N ABIN3 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.