

Anti-ABIN3 TNIP3 Antibody

Catalog Number: A10336

About TNIP3

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.

Overview

Product Name	Anti-ABIN3 TNIP3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ABIN3 TNIP3 Antibody (Catalog # A10336). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	ABIN3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ABIN3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96KP6

Technical Details

Immunogen	ABIN3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human ABIN3. The immunogen is located within the last 50 amino acids of ABIN3.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ABIN3 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

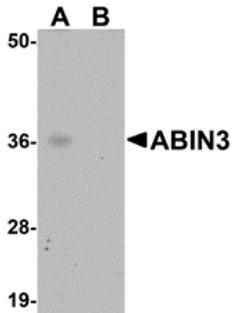
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

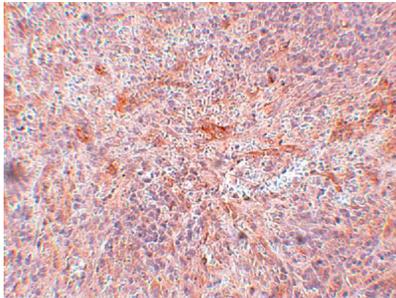
Boster Bio's internal QC testing used ABIN3 antibody can be used for detection of ABIN3 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

For protocols, please visit <https://www.bosterbio.com/protocol-and-troubleshooting/>

Anti-ABIN3 TNIP3 Antibody (A10336) Images



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



Immunohistochemistry of ABIN3 in mouse spleen tissue with ABIN3 antibody at 5 µg/mL.

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