

Anti-TNFAIP3 Antibody

Catalog Number: A00224-1

About TNFAIP3

TNFAIP3, also known as A20, is located in chromosome band 6q23, a region that is often deleted in B cell lymphomas. Recently, it was identified as a tumor suppressor gene in Hodgkin lymphoma and several subtypes of non-Hodgkin lymphomas. TNFAIP3 was initially identified as a zinc-finger protein that is rapidly and transiently induced by TNF-alpha, inhibiting NF-kappaB-dependent gene expression, and protecting cells from TNF-alpha-cytotoxicity. Overexpression of TNFAIP3 also inhibits the TLR2- and TLR4-mediated interleukin-8 synthesis in airway epithelial cells, suggesting that TNFAIP3 also acts as a negative regulator of TLR-mediated inflammatory responses, thereby protecting the host against harmful over-responses to pathogens. At least two isoforms of TNFAIP3 are known to exist.

Overview

Product Name	Anti-TNFAIP3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TNFAIP3 Antibody (Catalog # A00224-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TNFAIP3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TNFAIP3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q60769

Technical Details

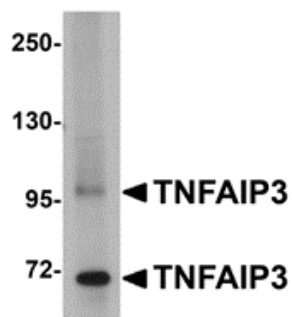
Immunogen	TNFAIP3 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human TNFAIP3. The immunogen is located within the last 50 amino acids of TNFAIP3.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TNFAIP3 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

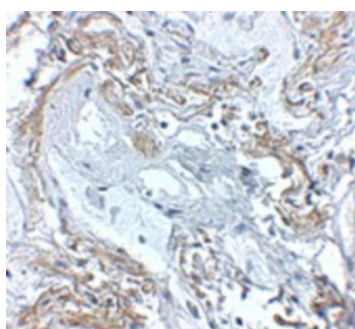
TNFAIP3 antibody can be used for detection of TNFAIP3 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

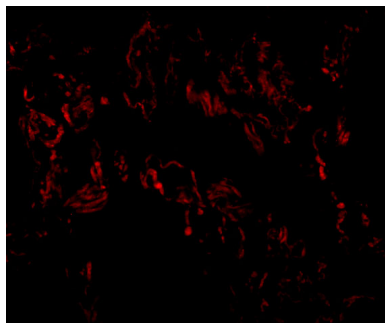
Anti-TNFAIP3 Antibody (A00224-1) Images



Western blot analysis of TNFAIP3 in SK-N-SH cell lysate with TNFAIP3 antibody at 1 ug/mL.



Immunohistochemistry of TNFAIP3 in human lung tissue with TNFAIP3 antibody at 5 ug/mL.



Immunofluorescence of TNFAIP3 in Human Lung cells with TNFAIP3 antibody at 20 ug/mL.

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Anti-TNFAIP3 Antibody

For Research Use Only. Not for use in diagnostic procedures.