BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-TRIM30 Antibody

Catalog Number: A33062-1

About TRIM30

TRIM30 belongs to a family of the tripartite motif (TRIM) proteins involved in the regulation of cell proliferation, differentiation, development, oncogenesis, apoptosis and antiviral responses. The TRIM protein family is an expanding family of RING ('really interesting new gene') proteins, also known as RBCC proteins as they contain an RBCC motif, which comprises a RING domain, one or two B-boxes and a predicted coiled-coil region. Studies have shown that some TRIM family members are critical to innate immunity; TRIM5, TRIM19 and TRIM25, for example, have been shown to restrict viral infection. A recent study shows that TRIM30 functions as a negative modulator of the TLR signaling pathway, by targeting TAB2 and TAB3, and contributes to the inhibition of TLR-mediated NF-kappaB activation. The importance of TRIM30 in the attenuation or termination of NF-kappaB activation suggests that targeting of TAB2 and TAB3 by TRIM30alpha may be a mechanism for modulating many types of immune responses.

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Overview

Product Name	Anti-TRIM30 Antibody
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-TRIM30 Antibody (Catalog # A33062-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TRIM30 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TRIM30 antibody can be stored at 4°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	P15533

Technical Details

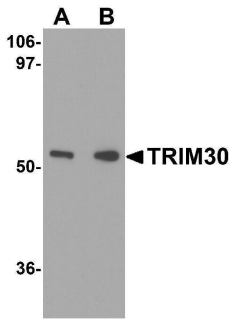
Immunogen	TRIM30 antibody was raised against a 21 amino acid synthetic peptide near the amino terminus of the mouse TRIM30. The immunogen is located within amino acids 110 - 160 of TRIM30.

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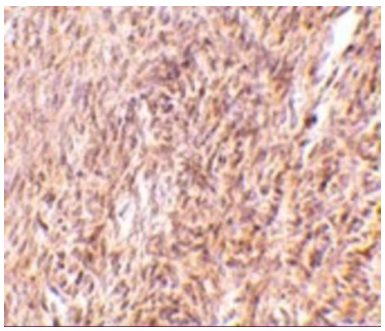
Predicted Reactive Species	Human
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TRIM30 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TRIM30 antibody can be used for detection of TRIM30 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse 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.

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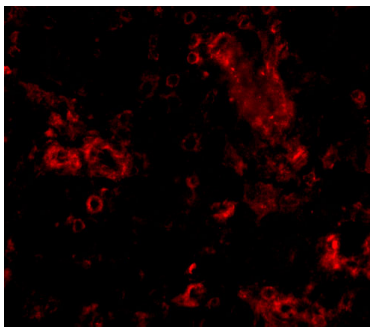
Anti-TRIM30 Antibody (A33062-1) Images



Western blot analysis of TRIM30 in mouse heart tissue lysate with TRIM30 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of TRIM30 in mouse ovary tissue with TRIM30 antibody at 10 ug/mL.



Immunofluorescence of TRIM30 in Human Ovary cells with TRIM30 antibody at 20 ug/mL.

Anti-TRIM30 Antibody

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