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Datasheet for ABIN6990956

anti-TRIM30 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	TRIM30 (Trim30)
Binding Specificity:	AA 110-160, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM30 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Purification:	TRIM30 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TRIM30 (Trim30)
Alternative Name:	TRIM30 (Trim30 Products)
Background:	TRIM30 Antibody: TRIM30 belongs to a family of the tripartite motif (TRIM) proteins involved in

Target Details

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- κ B activation. The importance of TRIM30 in the attenuation or termination of NF- κ B activation suggests that targeting of TAB2 and TAB3 by TRIM30alpha may be a mechanism for modulating many types of immune responses.

Molecular Weight: Predicted: 107 kDa

Observed: 105 kDa

Gene ID: 20128

NCBI Accession: [NP_033125](#)

UniProt: [P15533](#)

Application Details

Application Notes: TRIM30 antibody can be used for detection of TRIM30 by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 10 μ g/mL. For immunofluorescence start at 20 μ g/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TRIM30 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TRIM30 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.