TRIM30 Antibody

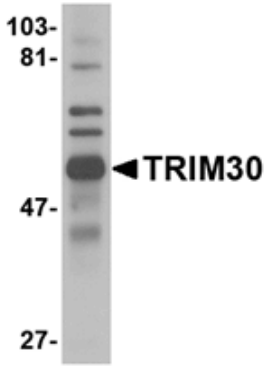
Catalog No: #24732

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

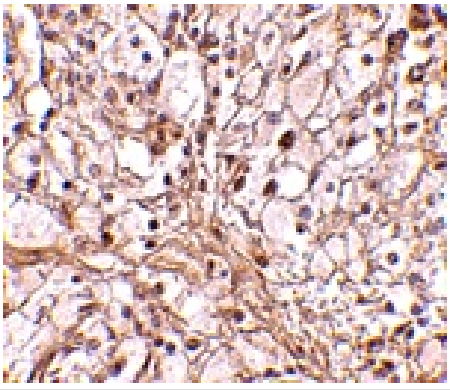
Description

Product Name	TRIM30 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the carboxy terminus of the mouse TRIM30.
Target Name	TRIM30
Other Names	Tripartite motif-containing 30, Rpt-1, Rpt1, down regulatory protein of interleukin 2 receptor
Accession No.	Swiss-Prot:P15533Gene ID:20128
Uniprot	P15533
GeneID	20128;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of TRIM30 in mouse spleen tissue lysate with TRIM30 antibody at 1 ug/mL.



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

Background

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-κB activation. The importance of TRIM30 in the attenuation or termination of NF-κB activation suggests that targeting of TAB2 and TAB3 by TRIM30α may be a mechanism for modulating many types of immune responses.

Note: This product is for in vitro research use only