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TRIM30 Rabbit pAb

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Catalog # AP56377

Product Information

Application	WB
Primary Accession	P15533
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57330
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse TRIM30
Epitope Specificity	201-300/496
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Trans acting factor that regulates gene expression of interleukin 2 receptor alpha chain and of human immunodeficiency virus type 1. May affect IL2R alpha and HIV 1 expression through cis acting negative regulatory elements or through competition with proteins that bind to enhancer or activator sequences.

Additional Information

Gene ID	20128
Other Names	Tripartite motif-containing protein 30A, Down regulatory protein of interleukin-2 receptor, Tripartite motif-containing protein 30, Trim30a, Rpt-1, Rpt1, Trim30
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

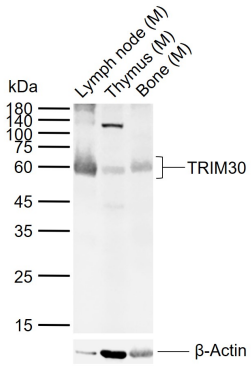
Name	Trim30a

Synonyms	Rpt-1, Rpt1, Trim30
Function	E3 ubiquitin-protein ligase that acts as a negative regulator of innate immune responses, and which is required to prevent excessive inflammation (PubMed:18345001, PubMed:19147168, PubMed:21048113, PubMed:26114947). Negatively regulates Toll-like receptor (TLR)- mediated activation of NF-kappa-B by promoting ubiquitination and degradation of TAB2 and TAB3 and preventing TRAF6 autoubiquitination (PubMed:18345001). Negatively regulates production of reactive oxygen species (ROS) which inhibits activation of the NLRP3 inflammasome complex (PubMed:21048113). This, in turn, regulates activation of CASP1 and subsequent cleavage of IL1B and IL18 (PubMed:21048113). Acts as a negative regulator of cGAS-STING signaling by mediating ubiquitination and degradation of STING1 (PubMed:26114947).
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Highly expressed in spleen and lymph nodes (at protein level).

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Images



Sample:
Lane 1: Mouse Lymph node tissue lysates
Lane 2: Mouse Thymus tissue lysates
Lane 3: Mouse Bone tissue lysates
Primary: Anti-TRIM30 (AP56377) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57 kDa
Observed band size: 60 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.