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[Marker Primary Antibody]

Rabbit Anti-TRIM30/Biotin Conjugated antibody

Catalog Number: SL16732R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-TRIM30/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from mouse TRIM30
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse
Background:	background: 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. **Function:** Trans-acting factor that regulates gene expression of interleukin 2 receptor alpha chain. May affect IL2R-alpha expression through cis-acting negative regulatory elements or through competition with proteins that bind to enhancer or activator sequences. Negatively regulates Toll-like receptor (TLR)-mediated activation of NFKB by promoting degradation of TAB2 and TAB3 and preventing TRAF6 autoubiquitination. Negatively regulates production of reactive oxygen species (ROS) which inhibits activation of the NLRP3 inflammasome complex. This, in turn, regulates activation of CASP1 and subsequent cleavage of IL1B and IL18. No activity detected against a range of retroviruses including a number of lentiviruses, gammaretroviruses

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

	and betaretroviruses. **Subunit:** Homomultimer. Interacts with NR2C2/TAK1, TAB2 and TAB3. Does not interact with NLRP3, NLRC4 or TAB1. **Subcellular Location:** Nuclear **Tissue Specificity:** Highly expressed in spleen and lymph nodes (at protein level). **Similarity:** Contains 1 B box-type zinc finger. Contains 1 B30.2/SPRY domain. Contains 1 RING-type zinc finger. **Database links:** **Entrez Gene:** 20128 Mouse **SwissProt:** P15533 Mouse Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.