

Rabbit Anti-TRIM30/AP Conjugated antibody

SL16732R-AP

Product Name	Anti-TRIM30/AP
Chinese Name	碱性磷酸酶 (AP) 标记的 TRIM30 蛋白抗体
Alias	Down regulatory protein of interleukin 2 receptor; Rpt 1; Rpt1; TR30A_MOUSE; Trim 30; Tripartite motif containing 30.
Research Area	Cell biology immunology Signal transduction Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	57kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse TRIM30
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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.
Storage	
Product Detail	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 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.