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RNF125 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12241

Product Information

Application	WB
Primary Accession	Q96EQ8
Other Accession	NM_017831, NP_060301
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Rabbit, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26454

Additional Information

Gene ID	54941
Alias Symbol	FLJ20456, MGC21737, TRAC1, TRAC-1
Other Names	E3 ubiquitin-protein ligase RNF125, 6.3.2.-, RING finger protein 125, T-cell RING activation protein 1, TRAC-1, RNF125
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RNF125 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RNF125 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RNF125 (HGNC:21150)
Function	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins, such as RIGI, MAVS/IPS1, IFIH1/MDA5, JAK1 and p53/TP53 (PubMed:15843525, PubMed:17460044, PubMed:17643463, PubMed:25591766, PubMed:26027934, PubMed:26471729, PubMed:27411375). Acts as a negative regulator of type I interferon production by mediating ubiquitination of RIGI at 'Lys- 181', leading to RIGI degradation (PubMed:17460044, PubMed:26471729). Mediates ubiquitination and subsequent degradation of p53/TP53 (PubMed:25591766). Mediates ubiquitination and subsequent degradation of JAK1 (PubMed:26027934). Acts as a positive regulator of T-cell activation

(PubMed:15843525).

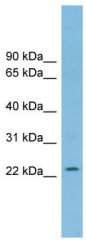
Cellular Location

Golgi apparatus membrane; Lipid-anchor. Note=Shows a reticular staining pattern within the cell and is probably expressed at other intracellular membranes in addition to the Golgi membrane. Not detected at the plasma membrane.

Tissue Location

Predominantly expressed in lymphoid tissues, including bone marrow, spleen and thymus. Also weakly expressed in other tissues. Predominant in the CD4(+) and CD8(+) T-cells, suggesting that it is preferentially confined to T-cells

Images



WB Suggested Anti-RNF125 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: THP-1 cell lysate

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