

RNF125 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12241**Specification**

RNF125 antibody - middle region - Product Information

Application	WB
Primary Accession	O96EQ8
Other Accession	NM_017831 , NP_060301
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Rabbit, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa kDa

RNF125 antibody - middle region - 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.

RNF125 antibody - middle region - 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:26027934, PubMed:<a

[26471729](http://www.uniprot.org/citations/26471729), PubMed: [25591766](http://www.uniprot.org/citations/25591766), PubMed: [27411375](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/17460044), PubMed: [26471729](http://www.uniprot.org/citations/26471729)). Mediates ubiquitination and subsequent degradation of p53/TP53 (PubMed: [25591766](http://www.uniprot.org/citations/25591766)). Mediates ubiquitination and subsequent degradation of JAK1 (PubMed: [26027934](http://www.uniprot.org/citations/26027934)). Acts as a positive regulator of T-cell activation (PubMed: [15843525](http://www.uniprot.org/citations/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

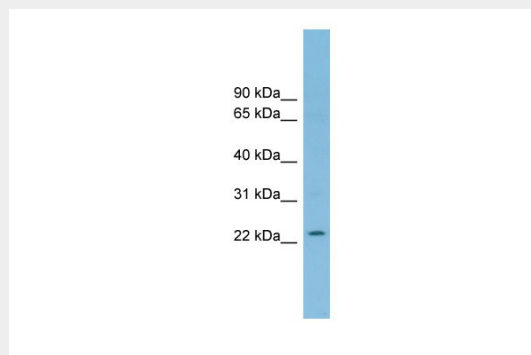
Predominantly expressed in lymphoid tissues, including bone marrow, spleen and thymus. Also weakly expressed in other tissues. Predominant in the CD4(+) and CD8(+) T-cells, suggesting that it is preferentially confined to T-cells

RNF125 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF125 antibody - middle region - Images



WB Suggested Anti-RNF125 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: THP-1 cell lysate