

RNF125 Antibody (aa131-180)
Rabbit Polyclonal Antibody
Catalog # ALS16976**Specification**

RNF125 Antibody (aa131-180) - Product Information

Application	IHC, WB
Primary Accession	O96EQ8
Other Accession	54941
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	26454

RNF125 Antibody (aa131-180) - Additional Information**Gene ID** 54941**Other Names**

RNF125, RING finger protein 125, TRAC-1, TRAC1

Target/Specificity

RNF125 Antibody detects endogenous levels of total RNF125 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

RNF125 Antibody (aa131-180) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF125 Antibody (aa131-180) - 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

Volume

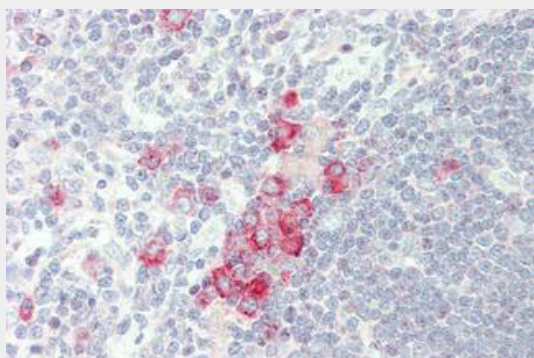
50 µl

RNF125 Antibody (aa131-180) - Protocols

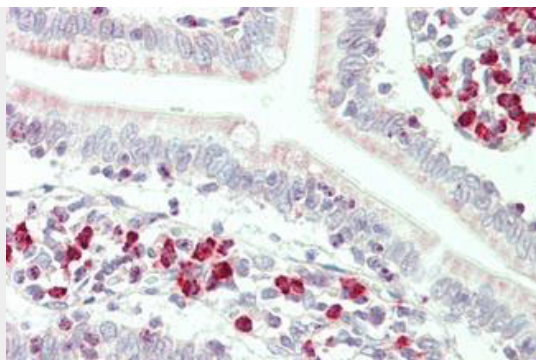
Provided below are standard protocols that you may find useful for product applications.

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

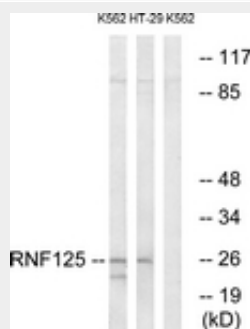
RNF125 Antibody (aa131-180) - Images



Anti-RNF125 antibody IHC staining of human thymus.



Anti-RNF125 antibody IHC staining of human small intestine.



Western blot of extracts from K562/HT-29 cells, using RNF125 Antibody.

RNF125 Antibody (aa131-180) - Background

E3 ubiquitin-protein ligase that acts as a positive regulator of T-cell activation. E3 ligase proteins mediate ubiquitination and subsequent proteasomal degradation of target proteins.

RNF125 Antibody (aa131-180) - References

- Ota T.,et al.Nat. Genet. 36:40-45(2004).
Chu P.,et al.J. Biol. 2:21.1-21.16(2003).
Zhao H.,et al.J. Immunol. 174:5288-5297(2005).