

**RNF125 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59196****Specification**

---

**RNF125 Polyclonal Antibody - Product Information**

Application	<b>WB, IHC-P, IHC-F, IF</b>
Primary Accession	<a href="#">Q96EQ8</a>
Reactivity	<b>Rat, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>26454</b>

**RNF125 Polyclonal Antibody - Additional Information****Gene ID 54941****Other Names**

E3 ubiquitin-protein ligase RNF125, 2.3.2.27, RING finger protein 125 {ECO:0000312|HGNC:HGNC:21150}, T-cell RING activation protein 1, TRAC-1, RNF125 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=21150" target="\_blank">HGNC:21150</a>)

**Format**

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**RNF125 Polyclonal Antibody - Protein Information****Name** RNF125 ([HGNC:21150](#))**Function**

E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins, such as DDX58/RIG-I, MAVS/IPS1, IFIH1/MDA5, JAK1 and p53/TP53 (PubMed:<a href="http://ww

w.uniprot.org/citations/15843525" target="\_blank">15843525</a>, PubMed:<a href="http://www.uniprot.org/citations/17460044" target="\_blank">17460044</a>, PubMed:<a href="http://www.uniprot.org/citations/17643463" target="\_blank">17643463</a>, PubMed:<a href="http://www.uniprot.org/citations/26027934" target="\_blank">26027934</a>, PubMed:<a href="http://www.uniprot.org/citations/26471729" target="\_blank">26471729</a>, PubMed:<a href="http://www.uniprot.org/citations/25591766" target="\_blank">25591766</a>, PubMed:<a href="http://www.uniprot.org/citations/27411375" target="\_blank">27411375</a>). Acts as a negative regulator of type I interferon production by mediating ubiquitination of DDX58/RIG-I at 'Lys-181', leading to DDX58/RIG-I degradation (PubMed:<a href="http://www.uniprot.org/citations/17460044" target="\_blank">17460044</a>, PubMed:<a href="http://www.uniprot.org/citations/26471729" target="\_blank">26471729</a>). Mediates ubiquitination and subsequent degradation of p53/TP53 (PubMed:<a href="http://www.uniprot.org/citations/25591766" target="\_blank">25591766</a>). Mediates ubiquitination and subsequent degradation of JAK1 (PubMed:<a href="http://www.uniprot.org/citations/26027934" target="\_blank">26027934</a>). Acts as a positive regulator of T-cell activation (PubMed:<a href="http://www.uniprot.org/citations/15843525" target="\_blank">15843525</a>).

#### 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 Polyclonal Antibody - 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](#)