

TRAC-1 / RNF125 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2412a**Specification**

TRAC-1 / RNF125 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O96EQ8
Other Accession	NP_060301.2 , 54941
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	26454

TRAC-1 / RNF125 Antibody (C-Term) - Additional Information**Gene ID** 54941**Other Names**

E3 ubiquitin-protein ligase RNF125, 6.3.2.-, RING finger protein 125, T-cell RING activation protein 1, TRAC-1, RNF125

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRAC-1 / RNF125 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAC-1 / RNF125 Antibody (C-Term) - 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

TRAC-1 / RNF125 Antibody (C-Term) - 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](#)

TRAC-1 / RNF125 Antibody (C-Term) - Images

TRAC-1 / RNF125 Antibody (C-Term) - References

Systematic identification of regulatory proteins critical for T-cell activation. Chu P, Pardo J, Zhao H, Li CC, Pali E, Shen MM, Qu K, Yu SX, Huang BC, Yu P, Masuda ES, Molineaux SM, Kolbinger F, Aversa G, De Vries J, Payan DG, Liao XC. J Biol. 2003;2(3):21. Epub 2003 Sep 15. PMID: 12974981