

Immunotag™ TRAC-1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4715
Product Description	Immunotag™ TRAC-1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TR1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human RNF125. AA range:131-180
Specificity	TRAC-1 Polyclonal Antibody detects endogenous levels of TRAC-1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	RNF125
Accession No.	Q96EQ8 Q9D9R0
Alternate Names	RNF125; E3 ubiquitin-protein ligase RNF125; RING finger protein 125; T-cell RING activation protein 1; TRAC-1

Antibody Specification

Description	ring finger protein 125(RNF125) Homo sapiens This gene encodes a novel E3 ubiquitin ligase that contains a RING finger domain in the N-terminus and three zinc-binding and one ubiquitin-interacting motif in the C-terminus. As a result of myristoylation, this protein associates with membranes and is primarily localized to intracellular membrane systems. The encoded protein may function as a positive regulator in the T-cell receptor signaling pathway. [provided by RefSeq, Mar 2012],
Cell Pathway/ Category	RIG-I-like receptor,
Protein Expression	Carcinoma,Testis,
Subcellular Localization	Golgi membrane,intracellular,intracellular membrane-bounded organelle,
Protein Function	function: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.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-type zinc finger.,tissue specificity: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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.