

## Immunotag™ TRAC-1 Polyclonal Antibody

| Antibody Specification |  |
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| 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

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| 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/<br>Category   | RIG-I-like receptor,  |
| Protein Expression          | Carcinoma,Testis,   |
| Subcellular<br>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.  |