

## Product datasheet for **TA336380**

### TACI (TNFRSF13B) Rabbit Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC, WB   |
| Recommended Dilution: | Immunohistochemistry, Western Blot: 0.5-2 ug/ml   |
| Reactivity:           | Human, Mouse  |
| Host:                 | Rabbit  |
| Clonality:            | Polyclonal  |
| Immunogen:            | This rabbit polyclonal antibody was developed against a synthetic peptide corresponding to amino acids 116-132 of human TACI. Human and mouse TACI amino acid sequences are 65% conserved in the immunogen. |
| Formulation:          | PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Concentration:        | lot specific  |
| Purification:         | Protein G purified  |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | tumor necrosis factor receptor superfamily member 13B   |
| Database Link:        | <a href="#">NP_036584</a><br><a href="#">Entrez Gene 57916 Mouse</a> <a href="#">Entrez Gene 23495 Human</a><br><a href="#">O14836</a>  |



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**Background:**

Simultaneously four different laboratories identified a new member of the tumor necrosis factor (TNF) family. This has been named as TALL-1 (1), THANK (TNF homologue that activates apoptosis, nuclear factor-kappaB, and c-Jun NH2-terminal kinase (2), BAFF (for B cell activating factor belonging to the TNF family) (3) and BlyS (B lymphocyte stimulator) (4). Membrane-bound BAFF is processed and secreted through the action of a protease whose specificity matches that of the furin family of proprotein convertases. The receptor for BlyS/BAFF appears to be expressed predominantly on B cells and activated T cells (5). Recently two orphan receptors TACI (6) and BCMA (8) have been shown to be receptors for BlyS/BAFF (6-9). TACI is expressed on B cells and signals through CAML, activating the transcription factors NF-AT, NF-kB, and AP-1. TACI is a type III transmembrane protein, as defined by the lack of a cleaved signal sequence and its N-terminal extracellular exposure. The cDNA codes for 293 amino acids with predicted molecular weight of approx. 32 kDa.

**Synonyms:**

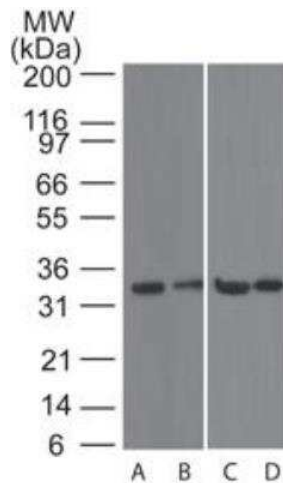
CD267; CVID; CVID2; IGAD2; RYZN; TACI; TNFRSF14B

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Cytokine-cytokine receptor interaction, Primary immunodeficiency

**Product images:**

Western Blot: TACI/TNFRSF13B/CVID Antibody TA336380 - Analysis of A) human spleen, B) mouse spleen, C) human stomach, D) and mouse stomach lysate using TACI antibody at 2 ug/ml.