

## Product datasheet for **TA382646**

### Osteoprotegerin (TNFRSF11B) Rabbit Polyclonal Antibody

#### Product data:

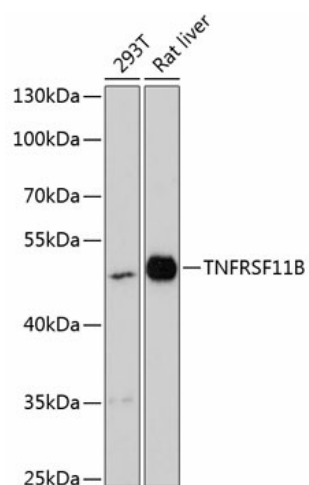
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB,1:500 - 1:2000   |
| Reactivity:             | Human, Rat, Mouse   |
| Modifications:          | Unmodified  |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Recombinant fusion protein containing a sequence corresponding to amino acids 22-280 of human TNFRSF11B (NP_002537.3).  |
| Formulation:            | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.   |
| Concentration:          | lot specific  |
| Purification:           | Affinity purification   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.   |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 46kDa   |
| Gene Name:              | tumor necrosis factor receptor superfamily member 11b   |
| Database Link:          | <a href="#">Entrez Gene 4982 Human</a><br><a href="#">O00300</a>  |
| Background:             | The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined. |



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Synonyms: MGC29565; OCIF; OPG; osteoprotegerin; TR1

### Product images:



Western blot analysis of extracts of various cell lines, using TNFRSF11B antibody (TA382646) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 90s.