

Product datasheet for **TA330320**

Osteoprotegerin (TNFRSF11B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TNFRSF11B antibody: synthetic peptide directed towards the N terminal of human TNFRSF11B. Synthetic peptide located within the following region: LDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPPGTLYLKQHCTAKWKTV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 11b
Database Link:	NP_002537 Entrez Gene 4982 Human O00300
Background:	TNFRSF11B 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 (TNFSF11/OPGL), both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest 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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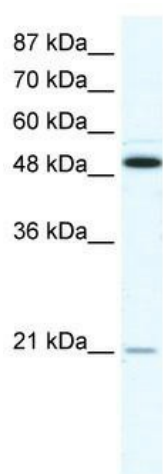
Synonyms: OCIF; OPG; TR1

Note: Immunogen sequence homology: Human: 100%; Mouse: 85%; Dog: 78%; Horse: 78%; Pig: 78%; Rabbit: 78%; Rat: 78%

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



WB Suggested Anti-TNFRSF11B Antibody
Titration: 1.25 ug/ml; ELISA Titer: 1:312500;
Positive Control: HepG2 cell lysate