

Product datasheet for **AP31765PU-N**

Osteoprotegerin (TNFRSF11B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/20000 - 1/80000. Immunohistochemistry on Paraffin Sections: 2 µg/ml. Western Blot: 1/200 - 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide
Formulation:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM Sodium Chloride, 0.02% Sodium Azide and 50% Glycerol State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 11b
Database Link:	Entrez Gene 4982 Human O00300
Background:	TNFRSF11B, a member of the TNF-receptor superfamily, is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. TNFRSF11B 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.



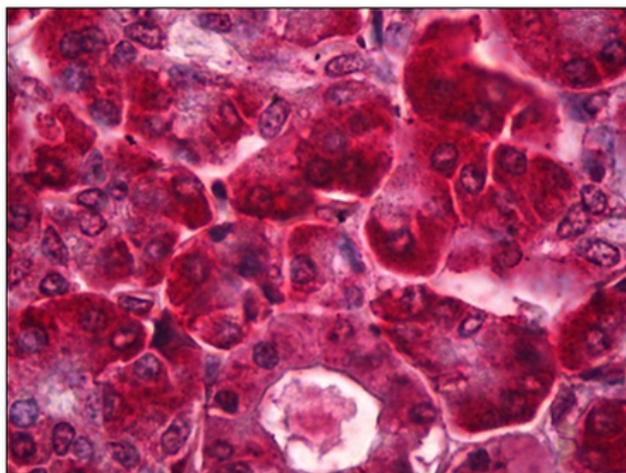
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Synonyms: OPG, OCIF

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Human Pancreas, Exocrine: Formalin-Fixed, Paraffin-Embedded (FFPE)