

## Product datasheet for **AP07376PU-N**

### **RANKL (TNFSF11) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot:</b> 0.25 - 0.5 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	14 amino acid synthetic peptide from near the center of Human TNFSF11 / RANKL.
Specificity:	This antibody reacts with a 14 amino acid peptide from near the center of sRANK-L.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store 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 superfamily member 11
Database Link:	<a href="#">Entrez Gene 8600 Human O14788</a>



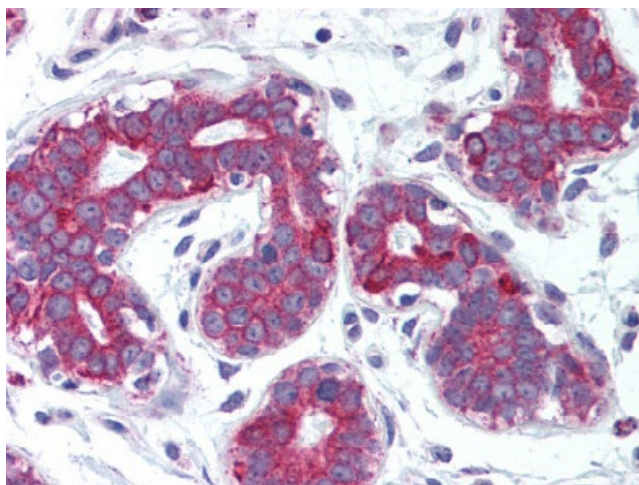
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**Background:**

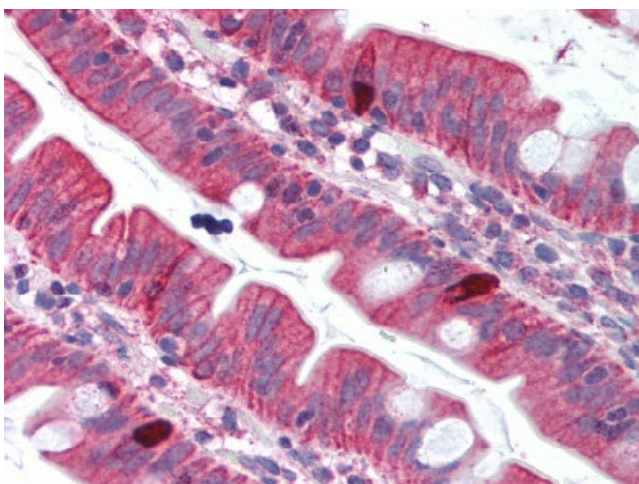
OPG ligand (OPGL), a type II membrane protein, binds to a unique hematopoietic progenitor cell that is committed to the osteoclast lineage and stimulates the rapid induction of genes involved in osteoclast development. OPGL is expressed in the primitive mesenchymal cells, in hypertrophying chondrocytes and in areas undergoing primary ossification and modeling. This gene was independently isolated and called RANKL (receptor activator of NF-Kappa B ligand). RANKL was shown to augment the ability of dendritic cells to stimulate naïve T-cell proliferation. A soluble form of the protein consisting of only the extracellular domain is called TRANCE.

**Synonyms:**

OPGL, RANK Ligand, RANKL, TRANCE, TNFSF11, ODF

**Product images:**

Formalin-Fixed Paraffin-Embedded Human Breast stained with CD254 / RANK Antibody at 5 ug/ml after heat-induced antigen retrieval.



Formalin-Fixed Paraffin-Embedded Human Small Intestine stained with CD254 / RANK Antibody at 5 ug/ml after heat-induced antigen retrieval.