

## Anti-RANK/TNFRSF11A Antibody Picoband®

Catalog Number: PA1382

### About TNFRSF11A

Receptor Activator of Nuclear Factor K B (RANK), also known as TRANCE Receptor, is a type I membrane protein that is expressed on the surface of osteoclasts and is involved in their activation upon ligand binding. RANK is also expressed on dendritic cells and facilitates immune signaling. RANKL (Receptor Activator for Nuclear Factor K B Ligand) is found on the surface of stromal cells, osteoblasts, and T cells. By analysis of somatic cell and radiation hybrid panels, Anderson et al. (1997) mapped the RANK gene to 18q22.1.

### Overview

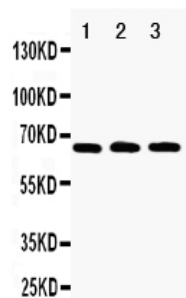
Product Name	Anti-RANK/TNFRSF11A Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-RANK/TNFRSF11A Antibody catalog # PA1382. Tested in IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y6Q6

### Technical Details

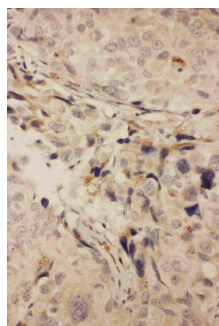
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RANK.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG

Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

## Anti-RANK/TNFRSF11A Antibody Picoband® (PA1382) Images



Anti-RANK antibody, PA1382, Western blotting  
Lane 1: Recombinant Human RANK Protein 10ng  
Lane 2: Recombinant Human RANK Protein 5ng  
Lane 3: Recombinant Human RANK Protein 2.5ng



Anti-RANK antibody, PA1382, IHC(P)  
IHC(P): Human Mammary Cancer Tissue

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Anti-RANK/TNFRSF11A Antibody

For Research Use Only. Not for use in diagnostic procedures.