

Anti-RANK/TNFRSF11A Antibody

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

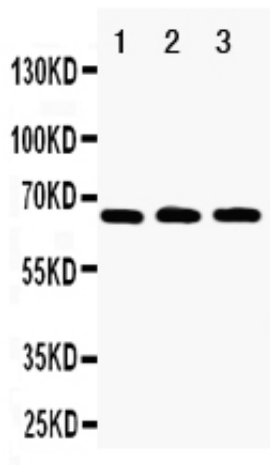
Product Name	Anti-RANK/TNFRSF11A Antibody
Reactive Species	Human
Description	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A) detection. Tested with WB, IHC-P in Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9Y6Q6

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RANK(29-44aa QIAPPCTSEKHYEHLG).
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

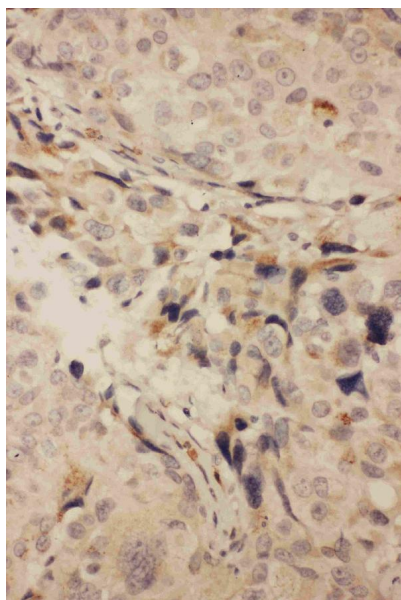
	(SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Isotype	N/A
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 0.5-1µg/ml, Human, By Heat Western blot, 0.1-0.5µg/ml, Human For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-RANK/TNFRSF11A Antibody (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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