

Anti-RANK Rabbit Monoclonal Antibody

Catalog # ABO15405

Product Information

Application	WB
Primary Accession	Q9Y6Q6
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-RANK Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

Gene ID	8792
Other Names	Tumor necrosis factor receptor superfamily member 11A, Osteoclast differentiation factor receptor, ODFR, Receptor activator of NF-KB, CD265, TNFRSF11A, RANK
Calculated MW	66034
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 19T81
Immunogen	A synthesized peptide derived from human RANK
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	TNFRSF11A
Synonyms	RANK
Function	Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL- mediated osteoclastogenesis (PubMed: 9878548). Its interaction with EEIG1 promotes

osteoclastogenesis via facilitating the transcription of NFATC1 and activation of PLCG2 (By similarity). Involved in the regulation of interactions between T-cells and dendritic cells (By similarity).

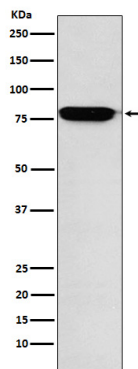
Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein. Membrane raft {ECO:0000250|UniProtKB:O35305}. Note=Following TNFSF11/RANKL stimulation, recruited to lipid rafts along with STAC2 {ECO:0000250|UniProtKB:O35305}

Tissue Location

Ubiquitous expression with high levels in skeletal muscle, thymus, liver, colon, small intestine and adrenal gland

Images



Western blot analysis of RANK expression in Human fetal liver lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.