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RANK Polyclonal Antibody

Catalog # AP74064

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9Y6Q6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66034

Additional Information

Gene ID	8792
Other Names	Tumor necrosis factor receptor superfamily member 11A (Osteoclast differentiation factor receptor) (ODFR) (Receptor activator of NF-KB) (CD antigen CD265)
Dilution	WB~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000 IHC-P~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000 IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

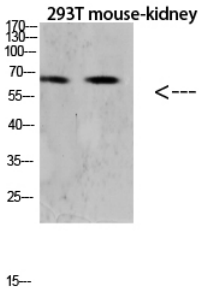
Protein Information

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

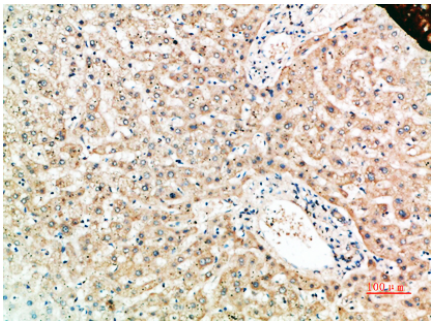
Background

Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis. Involved in the regulation of interactions between T-cells and dendritic cells.

Images



Western blot analysis of Hela lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200

Citations

- Circular RNA atlas in osteoclast differentiation with and without alendronate treatment

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