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RANK Rabbit pAb

Catalog Number:	bs-7343R
Target Protein:	RANK
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
lsotype:	lgG
Applications:	WB (1:500-2000)
Reactivity:	Human (predicted:Mouse, Rabbit, Sheep)
Predicted MW:	66 kDa
Detected MW:	82-90 kDa
Entrez Gene:	8792
Swiss Prot:	Q9Y6Q6
Source:	KLH conjugated synthetic peptide derived from human RANK/CD265: 101-200/616.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This
	receptors can interact with various TRAF family proteins, through which this receptor
	induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are
	important regulators of the interaction between T cells and dendritic cells. This
	receptor is also an essential mediator for osteoclast and lymph node development.
	Mutations at this locus have been associated with familial expansile osteolysis,
	autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced
	transcript variants have been described for this locus. [provided by RefSeq, Aug 2012]

VALIDATION IMAGES



Sample: Lane 1: Recombinant human RANK protein, C-His (HEK293)(bs-43608P) Primary: Anti-RANK (bs-7343R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 66 kDa Observed band size: 25 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.508] Qinyu Ma. et al. Osteoclast-derived apoptotic bodies couple bone resorption and formation in bone remodeling. Bone Res. 2021 Jan;9(1):1-12 WB ; MOUSE . 33431863

[IF=3.943] Xiaoxiao Liu. et al. Targeting TSP-1 decreased periodontitis by attenuating extracellular matrix degradation and alveolar bone destruction. Int Immunopharmacol. 2021 Jul;96:107618 WB ; Rat . 34015597