bs-34045R **[Primary Antibody]**

RANK Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8792 **SWISS:** Q9Y6Q6

Target: RANK

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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]

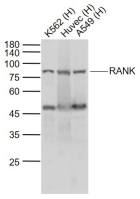
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat

Predicted MW.: 66 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: K562 (Human) Cell Lysate at 30 ug Lane 2: Huvec (Human) Cell Lysate at 30 ug Lane 3: A549 (Human) Cell Lysate at 30 ug Primary: Anti-RANK (bs-34045R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 82-90 kD Observed band size: 85 kD

SELECTED CITATIONS

- **[IF=3.9]** Josephine Y. Fang. et al. Viscoelastic Hydrogel Modulates Phenotype of Macrophage-Derived Multinucleated Cells and Macrophage Differentiation in Foreign Body Reactions. J BIOMED MATER RES A. 2024 Oct;: IF,IHC ;Rat,Mouse. 39429027