

Product datasheet for **TA336348**

RANK (TNFRSF11A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1-3 ug/ml
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to amino acid residues 603-613 of human RANK (NP_003830).
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 11a
Database Link:	NP_003830 Entrez Gene 21934 Mouse Entrez Gene 8792 Human Q9Y6Q6
Background:	Receptor activator of NF- κ B (RANK) is a recently cloned member of the TNFR superfamily with no significant homology to other members of this family. RANK ligand (RANKL/TRANSC/OPGL) (mAbs to RANKL are also available) binds to RANK on dendritic cells, upregulates the expression of anti-apoptotic protein Bcl-XL suggesting a role in dendritic cell survival. The cytoplasmic domain of RANK interacts with TRAF2, TRAF5 and TRAF6. Overexpression of RANK activates NF- κ B and c-Jun-terminal kinase (JNK) pathway. Recent studies have shown that RANK interaction with TRAF6 activates NF- κ B, whereas JNK activation is mediated through binding of RANK to TRAF2.



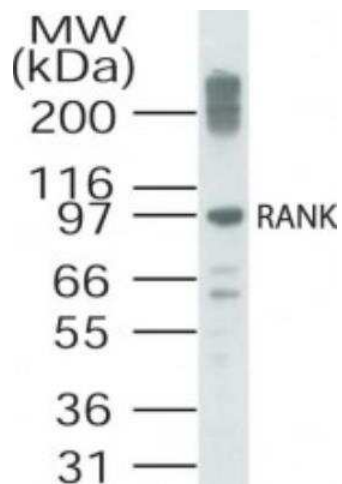
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Synonyms: CD265; FEO; LOH18CR1; ODFR; OFE; OPTB7; OST5; PDB2; RANK; TRANCER

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Western Blot: RANK/TNFRSF11A Antibody
TA336348 - Analysis of RANK in RAW cell lysate.