

Rabbit RANKL Polyclonal Antibody | anti-RANKL antibody

RANKL Antibody

CATALOG # AAA225414	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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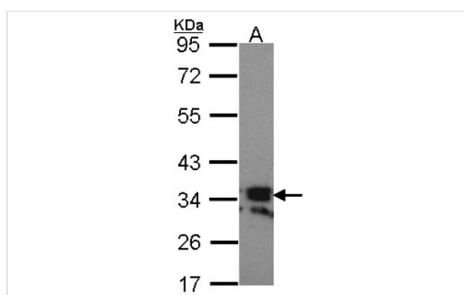
PRODUCT SYNONYMS

RANKL; Polyclonal Antibody; RANKL Antibody; Affinity Purified Rabbit Polyclonal RANKL Antibody; Polyclonal RANKL antibody; Anti-RANKL antibody; TNFSF11 antibody; ODF antibody; hRANKL2 antibody; receptor activator of nuclear factor kappa-B ligand antibody; OPTB2 antibody; receptor activator of nuclear factor kappa B ligand antibody; sOdf antibody; TRANCE antibody; OPGL antibody; CD254 antibody; osteoprotegerin ligand antibody; tumor necrosis factor ligand superfamily member 11 antibody; RANKL antibody; anti-RANKL antibody

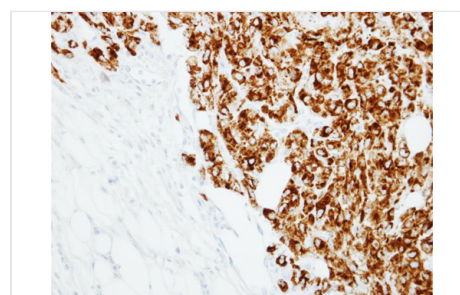
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-RANKL antibody	WB (Western Blot), IHC (Immunohistochemistry)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 10% SDS PAGE gel and RANKL antibody at a dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded U87 xenograft using RANKL antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-RANKL antibody	This gene encodes a member of the tumor necrosis factor cytokine family which is a ligand for osteoprotegerin and functions as a key factor for osteoclast differentiation and activation. This protein was shown to be a dendritic cell survival factor and is involved in the regulation of T cell-dependent immune response. T cell activation was reported to induce expression of this gene and lead to an increase of osteoclastogenesis and bone loss. This protein was shown to activate antiapoptotic kinase AKT/PKB through a signaling complex involving SRC kinase and tumor necrosis factor receptor-associated factor 6, which indicated this protein may have a role in the regulation of cell apoptosis. Targeted disruption of the related gene in mice led to severe osteopetrosis and a lack of osteoclasts. The deficient mice exhibited defects in early differentiation of T and B lymphocytes, and failed to form lobulo-alveolar mammary structures during pregnancy.
Product Categories/Family for anti-RANKL antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	2612922
NCBI GeneID	8600
Molecular Weight	35 kDa
NCBI Official Full Name	RANKL
NCBI Official Synonym Full Names	TNF superfamily member 11
NCBI Official Symbol	TNFSF11
NCBI Official Synonym Symbols	ODF; OPGL; sOdf; CD254; OPTB2; RANKL; TNLG6B; TRANCE; hRANKL2
NCBI Protein Information	tumor necrosis factor ligand superfamily member 11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.