

	<h1>RANKL Rabbit pAb</h1>	E 2 3 4 0 8 9 2
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Swiss-Prot No.:	O14788
Altername:	TNFSF11; OPGL; RANKL; TRANCE; Tumor necrosis factor ligand superfamily member 11; Osteoclast differentiation factor; ODF; Osteoprotegerin ligand; OPGL; Receptor activator of nuclear factor kappa-B ligand; RANKL; TNF-related activation-induc
Immunogen:	The antiserum was produced against synthesized peptide derived from the C-terminal region of human TNFSF11. AA range:268-317
Purification:	Affinity Purified
Reactivity:	Human,Mouse,Rat
Other Names:	TNFSF11; OPGL; RANKL; TRANCE; Tumor necrosis factor ligand superfamily member 11; Osteoclast differentiation factor; ODF; Osteoprotegerin ligand; OPGL
Gene ID:	8600
Cellular localization:	Cell membrane, Cytoplasm, Membrane, Secreted
Source:	Rabbit
Antibody type:	Polyclonal Antibody
Isotype:	IgG

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Molecular Weight:	Calculated MW: 35 kDa; Observed MW: 35 kDa
Preservative:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Recommended Dilutions:	WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000
Product Type:	Primary Antibody
Applications:	WB,IHC-P,ELISA
Background:	<p>This gene encodes a member of the tumor necrosis factor (TNF) 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 (TRAF) 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. Two alternatively spliced transcript variants have been found.</p>
Clone Number:	-
Gene Name:	TNFSF11
Storage/Stability:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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Form of Antibody:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
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