

	TNFSF11 Rabbit pAb	E 2 5 0 2 5 5 0
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Swiss-Prot No.:	014788
Altername:	TNFSF11
Immunogen:	Recombinant protein of human TNFSF11
Purification:	Affinity purified
Reactivity:	Human, Mouse
Other Names:	CD254;ODF;OPGL;OPTB2;RANKL;TNLG6B;TRANCE;hRANKL2;sOdf
Gene ID:	8600
Cellular localization:	Cell membrane, Cytoplasm, Membrane, Secreted
Relevance:	<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>
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	32kDa
Entrez summary:	TNFSF11

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<b>Preservative:</b>	Store at -20° C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000, IHC 1:50 - 1:200, IF 1:50 - 1:200