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RANKL Antibody

货号: ABY1009

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:500-1:3000, IHC 1:50-1:200, IF/ICC 1:200
理论分子量	35kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.4.
偶联物	Unconjugated
阳性对照	A-549,K-562,Raji,SGC-7901,Rat lung,SP2/0,A-549,K-562,Raji,SGC-7901
细胞定位	Cell membrane; Single-pass type II, Cytoplasm, [Tumor necrosis factor ligand superfamily member
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	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 dentritic 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.
基因ID	8600
基因名	TNFSF11
Swiss	O14788 (https://www.uniprot.org/uniprotkb/O14788/entry)
别名	CD254; hRANKL2; ODF; OPGL; OPTB2; Osteoclast differentiation factor; Osteoprotegerin ligand; RANKL; Receptor activator of nuclear factor kappa B ligand; Receptor activator of nuclear factor kappa-B ligand; sOdf; TNF related activation induced cytokine; TNF-related activation-induced cytokine; TNF11_HUMAN; TNFSF 11; Tnfsf11; TRANCE; Tumor necrosis factor (ligand) superfamily member 11; Tumor necrosis factor ligand superfamily member 11; Tumor necrosis factor ligand superfamily member 11, soluble form;

产品验证

实验步骤

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