À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RANKL

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:23408-1-AP 46 Publications

Informations de base

Numéro de catalogue:
23408-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG19975

Numéro d'acquisition GenBank:
BC074890

Identification du gène (NCBI):
8600

Nom complet:
tumor necrosis factor (ligand) superfamily, member 11

MW calculé
317 aa, 35 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
IHC 1:50-1:500

Applications

Applications testées:
IHC, ELISA

Demandes citées:
Cell treatment, IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IHC : tissu d'ostéosarcome humain, tissu cardiaque humain, tissu de côlon humain

Informations générales

TNFSF11 also known as RANKL, is 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. RANKL is a polypeptide of 217 amino acids that exerts its biological activity both in a transmembrane form of about 40-45 kDa and in soluble one of 31 kDa (PMID: 15308315). The membrane-bound RANKL (mRANKL) is cleaved into a sRANKL by the metalloprotease-disintegrin TNF-alpha convertase (TACE) or a related metalloprotease (MP). RANKL induces osteoclast formation through its receptor, RANK, which transduces signals by recruiting adaptor molecules, such as the TNF receptor-associated factor (TRAF) family of proteins. RANKL 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. RANKL 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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yi Yu	34585393	J Periodontol	WB
Yuan-Wei Zhang	36196151	J Orthop Translat	IHC
Xiaohui Zhao	32980481	J Ethnopharmacol	WB

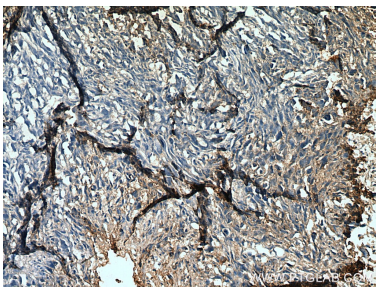
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

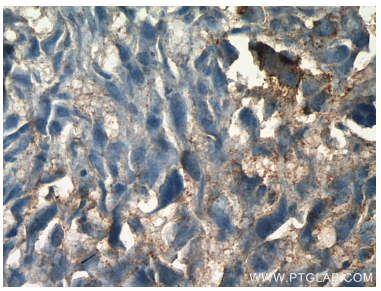
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human osteosarcoma tissue slide using 23408-1-AP (RANKL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human osteosarcoma tissue slide using 23408-1-AP (RANKL antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).