

Rabbit anti-Human TNFRSF11B Polyclonal Antibody | anti-TNFRSF11B antibody

TNFRSF11B Antibody (Center)

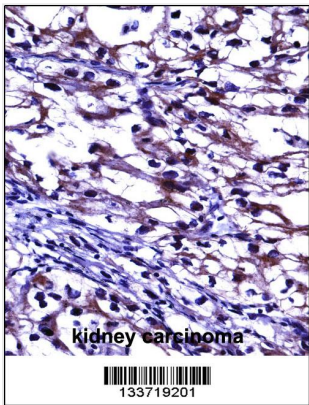
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287801	Rabbit	Human	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

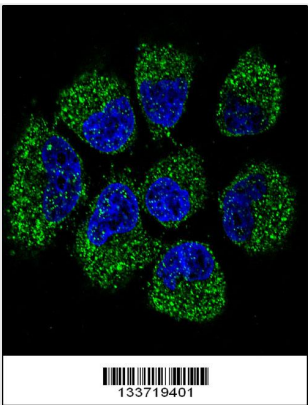
TNFRSF11B; Polyclonal Antibody; TNFRSF11B Antibody (Center); Tumor necrosis factor receptor superfamily member 11B; Osteoclastogenesis inhibitory factor; Osteoprotegerin; OCIF; OPG; anti-TNFRSF11B antibody

PRODUCT SPECIFICATIONS

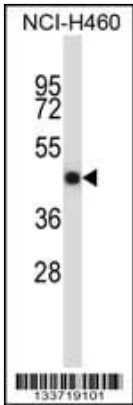
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TNFRSF11B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids from the Central region of human TNFRSF11B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	243-271
Sequence Length	401
Applicable Applications for anti-TNFRSF11B antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
TNFRSF11B Antibody (Center) (AAA287801)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TNFRSF11B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of TNFRSF11B Antibody (Center) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
TNFRSF11B Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the TNFRSF11B antibody detected the TNFRSF11B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF11B antibody	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined.
Product Categories/Family for anti-TNFRSF11B antibody	Cardiovascular; Cell Biology; Developmental Biology; Neuroscience; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Liu, J.M., et al. J. Clin. Endocrinol. Metab. 95 (9), E112-E120 (2010) : Lieb, W., et al. Arterioscler. Thromb. Vasc. Biol. 30(9):1849-1854(2010) Paternoster, L., et al. J. Clin. Endocrinol. Metab. 95(8):3940-3948(2010) Hsu, Y.H., et al. PLoS Genet. 6 (6), E1000977 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	148743793
NCBI GeneID	4982
NCBI Accession #	NP_002537.3
NCBI GenBank Nucleotide #	NM_002546.3
UniProt Accession #	O00300; O60236; Q53FX6; Q9UHP4; B2R9A8
Molecular Weight	46026
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 11B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 11b
NCBI Official Symbol	TNFRSF11B
NCBI Official Synonym Symbols	OPG; TR1; OCIF; PDB5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11B
UniProt Gene Name	TNFRSF11B
UniProt Synonym Gene Names	OCIF; OPG
UniProt Entry Name	TR11B_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfrsf11b-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/287801>