

Rabbit anti-Human, Mouse OPG Polyclonal Antibody | anti-OPG antibody

OPG Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29085	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence

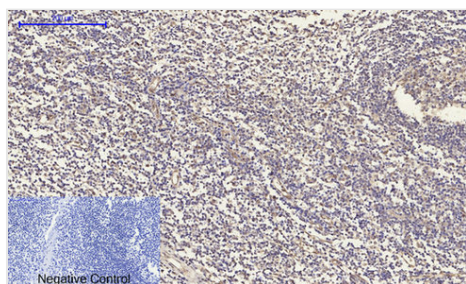
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

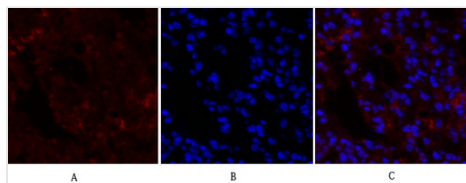
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-OPG antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



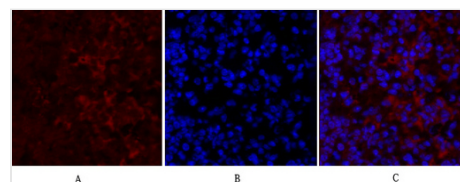
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.



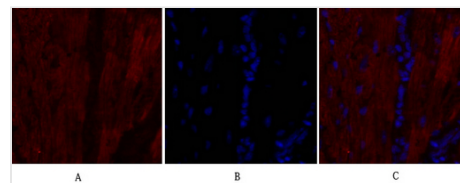
IF (Immunofluorescence)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.



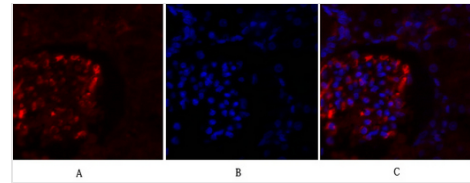
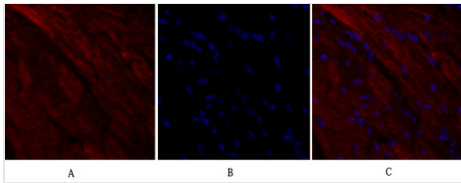
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ADDITIONAL INFORMATION

Related Product Information for anti-OPG antibody

Acts as decoy receptor for TNFSF11/RANKL and thereby neutralizes its function in osteoclastogenesis. Inhibits the activation of osteoclasts and promotes osteoclast apoptosis in vitro. Bone homeostasis seems to depend on the local ratio between TNFSF11 and TNFRSF11B. May also play a role in preventing arterial calcification. May act as decoy receptor for TNFSF10/TRAIL and protect against apoptosis. TNFSF10/TRAIL binding blocks the inhibition of osteoclastogenesis.

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	46,026 Da
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
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11B; osteoprotegerin; osteoclastogenesis inhibitory factor
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://www.aaabiotech.com/polyclonal/opg-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29085>