

For Research Use Only

Osteoprotegerin Polyclonal antibody



Catalog Number: 11534-1-AP

1 Publications

Basic Information

Catalog Number:

11534-1-AP

Size:

140 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2139

GenBank Accession Number:

BC030155

GeneID (NCBI):

4982

UNIPROT ID:

O00300

Full Name:

tumor necrosis factor receptor
superfamily, member 11b

Calculated MW:

401 aa, 46 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : human milk,

Background Information

Osteoprotegerin (OPG), also known as tumor necrosis factor receptor superfamily member 11B (TNFRSF11B) and osteoclastogenesis inhibitory factor (OCIF), belongs to the tumor necrosis factor (TNF) receptor superfamily. By binding to RANKL, OPG inhibits osteoclastic activity and promoting bone formation. OPG plays a key role on cell survival by inhibiting TRAIL-induced apoptosis. OPG also is involved in vascular biology, fibrosis, immunity, EMT, and the apoptosis of cancer cells (PMID: 35523775).

Notable Publications

Author	Pubmed ID	Journal	Application
Pei-Long Liu	37197158	Anal Cell Pathol (Amst)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

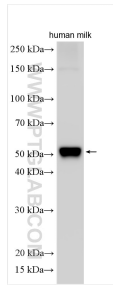
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human milk was subjected to SDS PAGE followed by western blot with 11534-1-AP (Osteoprotegerin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.