

Datasheet for ABIN3029353
anti-Osteoprotegerin antibody (AA 243-271)



[Go to Product page](#)

5 Images

Overview

Quantity:	0.4 mL
Target:	Osteoprotegerin (TNFRSF11B)
Binding Specificity:	AA 243-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Osteoprotegerin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 243-271 from the human protein was used as the immunogen for this OPG antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Osteoprotegerin (TNFRSF11B)
Alternative Name:	Osteoprotegerin (OPG) (TNFRSF11B Products)
Target Type:	Chemical
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is

Target Details

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.

UniProt: [O00300](#)

Application Details

Application Notes: Titration of the OPG antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the OPG antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



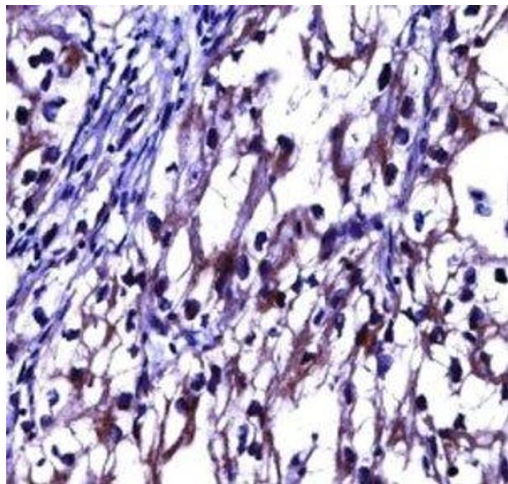
Western Blotting

Image 1. OPG antibody western blot analysis in NCI-H460 lysate.



Western Blotting

Image 2. OPG antibody western blot analysis in NCI-H460 lysate.



Immunohistochemistry

Image 3. OPG antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney carcinoma.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029353.