

Basic Information

Product Name	Anti-Osteoglycin/OGN Antibody
Gene Name	Ogn
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	WB, ELISA(Cap)
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived mouse OIF recombinant protein (Position: A20-F298).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	34 kDa
Dilution Ratios	Western blot (WB):1:500-2000 ELISA(Cap): 1:50-1:200

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

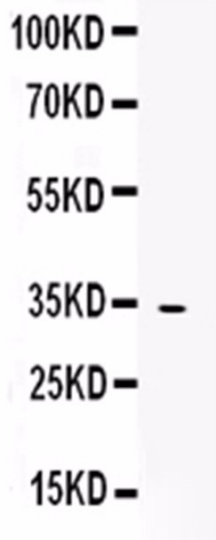
Background Information

Osteoglycin (also called mimecan), encoded by the OGN gene, is a human protein. This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded protein induces ectopic bone formation in conjunction with transforming growth factor beta and may regulate osteoblast differentiation. High expression of the encoded protein may be associated with elevated heart left ventricular mass.

Reference

Anti-Osteoglycin/OGN Antibody被引用在1文献中。

Selected Validation Data



Western blot analysis of Osteoglycin/OGN using anti-Osteoglycin/OGN antibody (A07061-1).

Lane 1: recombinant mouse OGN protein 1ng.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-

Osteoglycin/OGN antigen affinity purified polyclonal antibody

(A07061-1) at a dilution of 1:1000 and probed with a goat anti-

rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal

is developed using ECL Plus Western Blotting Substrate (Catalog #

AR1197). A specific band was detected for Osteoglycin/OGN at

approximately 34 kDa.