
Product Name: Osteoglycin Rabbit Polyclonal Antibody**Catalog #: APRab15525**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	35kDa

Antigen Information

Gene Name	OGN
Alternative Names	OGN; OIF; SLRR3A; Mimecan; Osteoglycin; Osteoinductive factor; OIF
Gene ID	4969.0
SwissProt ID	P20774
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human OGN. AA range:231-280

Background

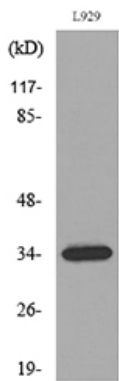
This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded protein induces

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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],function:Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2.,similarity:Belongs to the small leucine-rich proteoglycan (SLRP) family. Class III subfamily.,similarity:Contains 7 LRR (leucine-rich) repeats.,tissue specificity:Bone.,

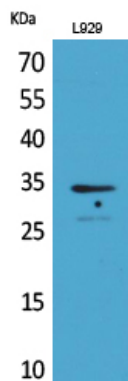
Research Area

Signal Transduction; Cytoskeleton / ECM; Extracellular Matrix; Structures; Bone; Cell Biology; Cell Cycle; Cell differentiation

Image Data



Western blot analysis of lysate from L929 cells, using OGN Antibody.



Western Blot analysis of L929 cells using Osteoglycin Polyclonal Antibody.. Secondary antibody was diluted at 1:20000