

ARG58967 anti-OGN / Osteoglycin antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes OGN / Osteoglycin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	OGN / Osteoglycin
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 20-298 of Human OGN / Osteoglycin (NP_148935.1).
Conjugation	Un-conjugated
Alternate Names	Mimecan; SLRR3A; OG; OIF; Osteoglycin; Osteoinductive factor

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NIH/3T3	
Observed Size	36 kDa	

Properties

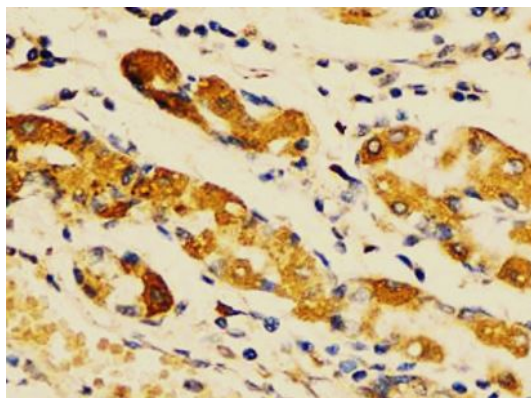
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

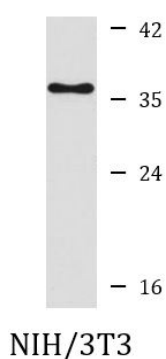
Gene Symbol	OGN
Gene Full Name	osteoglycin
Background	This gene encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2. [UniProt]
Calculated Mw	34 kDa
PTM	N- and O-glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

Images



ARG58967 anti-OGN / Osteoglycin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG58967 anti-OGN / Osteoglycin antibody at 1:100 dilution.



ARG58967 anti-OGN / Osteoglycin antibody WB image

Western blot: 25 µg of NIH/3T3 cell lysate stained with ARG58967 anti-OGN / Osteoglycin antibody at 1:1000 dilution.