

## 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.

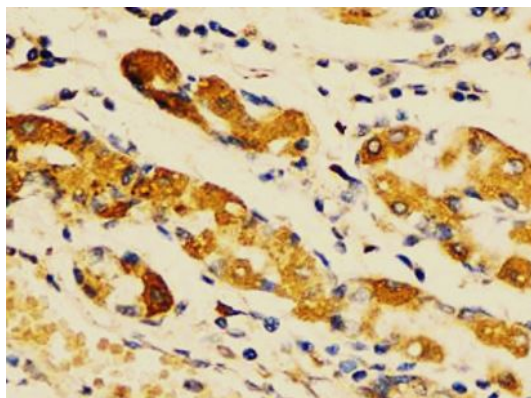
## Note

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

## Bioinformation

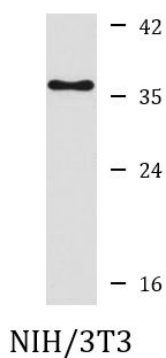
Gene Symbol	OGN
Gene Full Name	osteoglycin
Background	This gene encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants 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.