

Datasheet for ABIN1387856 **anti-OGN antibody**

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Overview

Quantity:	100 µL
Target:	OGN
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OIF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	OGN
Alternative Name:	OIF (OGN Products)
Background:	Synonyms: Corneal keratan sulfate proteoglycan, MIME_HUMAN, mimecan, Mimecan proteoglycan, OG, OGN, O, osteoglycin, osteoinductive factor, SLRR3A. Background: The small leucine-rich proteoglycan (SLRP) family of proteins contains various proteins such as Decorin, Biglycan, Fibromodulin, Keratocan, Lumican, Osteoadherin and

Target Details

Osteoglycin. These proteins all have similar functions as they all mediate extracellular matrix organization and act as binding partners of TGF beta. Osteoglycin, which also may be designated osteoinductive factor (OIF), is a secreted protein detected in bone tissues. Osteoglycin induces the formation of bone in conjunction with either TGF-beta-1 or TGF-beta-2. The precursor form of the OGN gene product, designated Mimecan, is subject to in situ proteolytic cleavage to yield the mature Osteoglycin.

Gene ID:	4969
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months