

Datasheet for ABIN7159817
anti-OGN antibody (AA 21-298)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	OGN
Binding Specificity:	AA 21-298
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OGN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Mimecan protein (21-298AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	OGN
Alternative Name:	OGN (OGN Products)
Background:	Background: Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2. Aliases: Corneal keratan sulfate proteoglycan antibody, DKFZP586P2421 antibody,

Target Details

MIME_HUMAN antibody, Mimecan antibody, Mimecan proteoglycan antibody, OG antibody, OGN antibody, OIF antibody, Osteoglycin antibody, Osteoinductive factor antibody, SLRR3A antibody

UniProt: [P20774](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

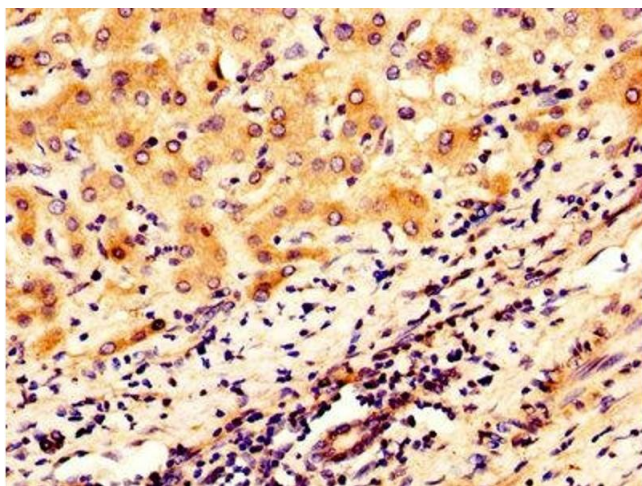
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

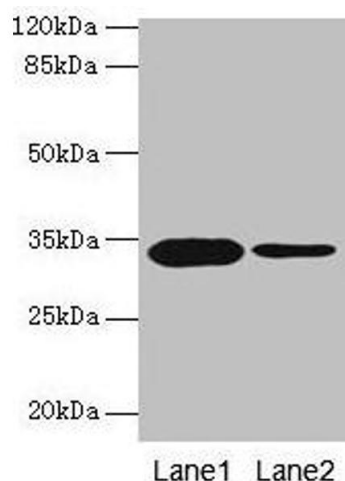
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



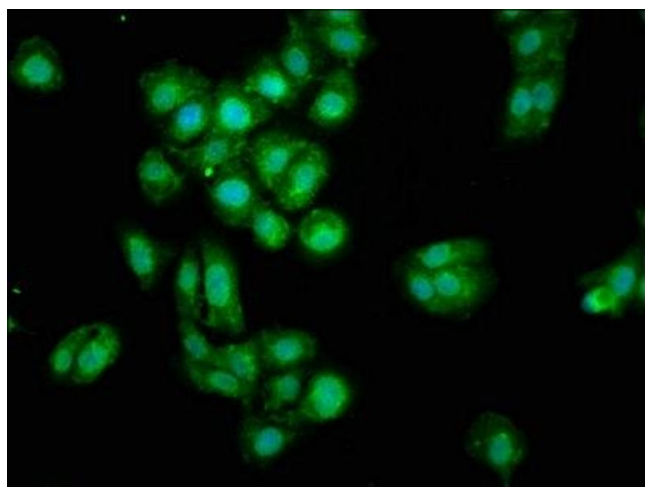
Immunohistochemistry

Image 1. IHC image of ABIN7159817 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western blot All lanes: OGN antibody at 14 µg/mL
Lane 1: Rat liver tissue Lane 2: 293T whole cell lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 34 kDa Observed band size: 34 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7159817 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).