



Mouse Monoclonal Antibody **OCN** conjugated to Sepharose Beads

CatalogNo: **ANT8316-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

OCN (ANT0083R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

- 59kD (Calculated)
- 65kD (Observed)
- IgG, Kappa

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0083R

Immunogen Information

Specificity Endogenous

Gene name OCLN

Protein Name Occludin;OCN

Organism	Gene ID	UniProt ID
Human	100506658;	Q16625;
Mouse		Q61146;
Rat		Q6P6T5;

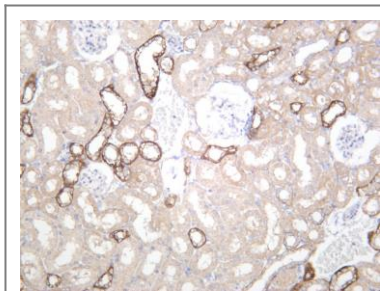
Cellular Localization Membrane

Tissue specificity Localized at tight junctions of both epithelial and endothelial cells. Highly expressed in kidney. Not detected in testis.

Function protein complex assembly, cellular amino acid derivative metabolic process, sulfur metabolic process, nucleoside metabolic process, ribonucleoside metabolic process, purine nucleoside metabolic process, macromolecular complex subunit organization, purine ribonucleoside metabolic process, S-adenosylhomocysteine metabolic process, Sadenosylmethionine metabolic process, macromolecular complex assembly, protein complex biogenesis,

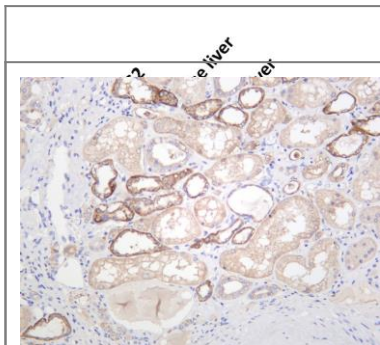
Validation Data

Rat kidney was stained with anti-OCN (ANT0083R) rabbit antibody

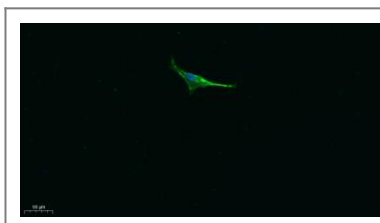
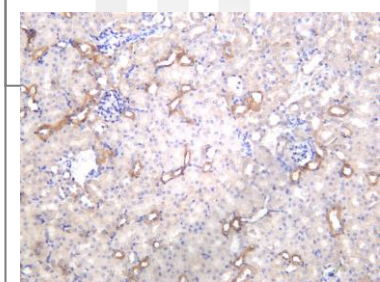


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-OCN (ANT0083R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: Mouse liver Lane 3: Rat liver Predicted band size: 59kDa Observed band size: 65kDa

Human kidney was stained with anti-OCN (ANT0083R) rabbit antibody



Mouse kidney was stained with anti-OCN (ANT0083R) rabbit antibody



Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.

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