



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

CatalogNo: **ANT8316-M**

Size 200ul

Storage Store at 4 °C for frequent use

#### Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

**OCN (ANT0083R) Rabbit mAb**

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

#### 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	<a href="#">100506658;</a>	<a href="#">Q16625;</a>
Mouse		<a href="#">Q61146;</a>
Rat		<a href="#">Q6P6T5;</a>

Cellular Localization      Membrane

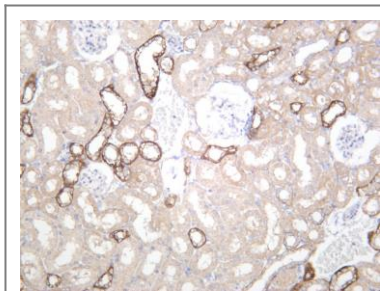
Tissue specificity Localized at tight junctions of both epithelial and endothelial cells. Highly expressed in kidney. Not detected in testis.

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,



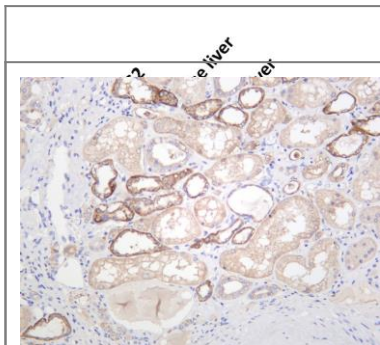
## Validation Data

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

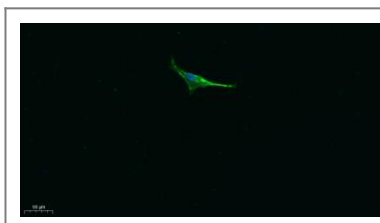
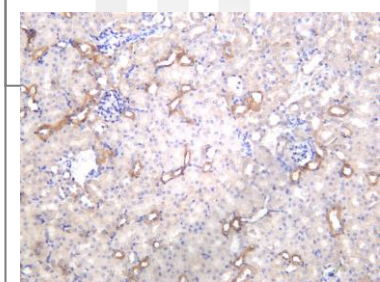


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-OCN (ANT0083R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: Mouse liver Lane 3: Rat liver Predicted band size: 59kDa Observed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