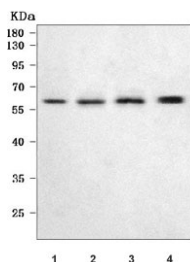


## Ocln Antibody / Occludin (RQ7873)

Catalog No.	Formulation	Size
RQ7873	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q61146
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Ocln antibody is available for research use only.



Western blot testing of 1) rat liver, 2) rat RH35, 3) mouse liver and 4) mouse kidney tissue lysate with Ocln antibody. Predicted molecular weight ~59 kDa.

## Description

Occludin is an enzyme (EC 1.6) that oxidizes NADH. Predicted to enable protein domain specific binding activity. Involved in negative regulation of gene expression and tight junction organization. Located in several cellular components, including apical plasma membrane; apicolateral plasma membrane; and bicellular tight junction. Is expressed in several structures, including alimentary system; brain; genitourinary system; respiratory system; and sensory organ. Human ortholog(s) of this gene implicated in Crohn's disease and pseudo-TORCH syndrome 1. Orthologous to human OCLN (occludin).

## Application Notes

Optimal dilution of the Ocln antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant mouse protein (amino acids E7-Y367) was used as the immunogen for the Ocln antibody.

## Storage

After reconstitution, the Ocln antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.