

OCLN Antibody

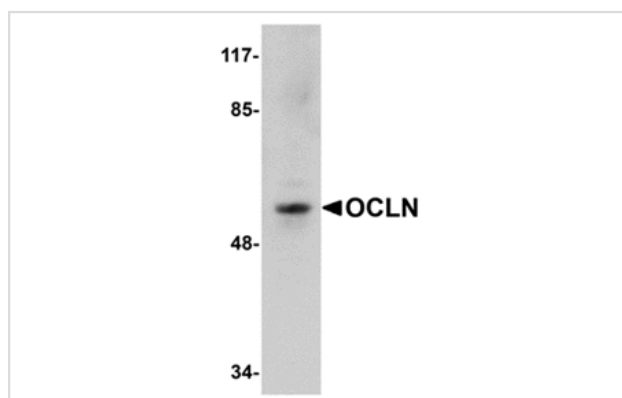
Catalog No: #24902

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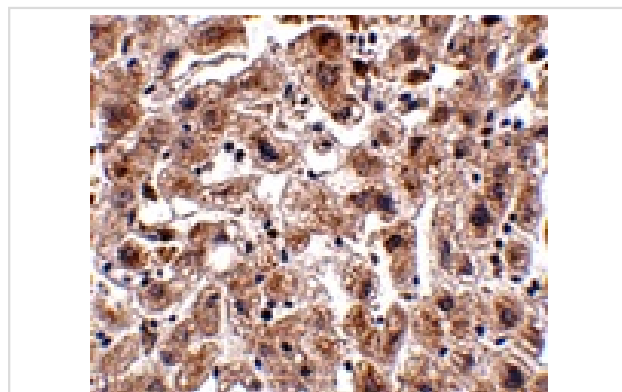
Description

Product Name	OCLN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide from near the carboxy terminus of human OCLN.
Target Name	OCLN
Other Names	Occludin
Accession No.	Swiss-Prot:Q16625Gene ID:100506658
Uniprot	Q16625
GeneID	100506658;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

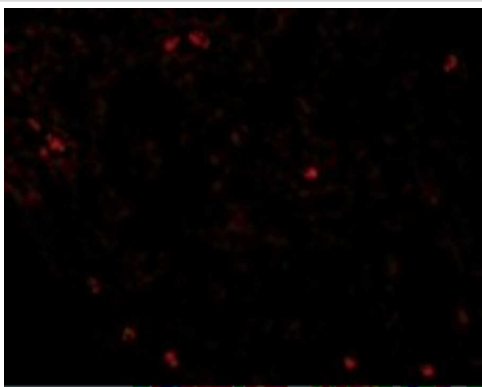
Images



Western blot analysis of OCLN in human liver tissue lysate with OCLN antibody at 1 ug/mL.



Immunohistochemistry of OCLN in human liver tissue with OCLN antibody at 2.5 ug/mL.



Immunofluorescence of OCLN in Human Liver tissue with OCLN antibody at 20 µg/mL.

Background

Tight junctions act as a semi-permeable barrier to the transport of ions, solutes, and water and are considered to function as a fence that divides apical and basolateral domains of plasma membranes. Tight junctions coordinate a variety of signaling and trafficking molecules regulating cell differentiation, proliferation, and polarity and contain a number of junctional proteins including Occludin, Claudins, junctional adhesion molecules (JAMs), as well as multiple scaffold proteins. Occludin, the first identified component of tight junction strands, is thought function as a signal transmitter in multiple signaling pathways and can associate with multiple kinases and phosphatases such as PI3-kinase and protein phosphatases 1 and 2A. At least two isoforms of OCLN are known to exist.

Note: This product is for in vitro research use only