

Rabbit OCLN Polyclonal Antibody | anti-OCLN antibody

OCLN Antibody

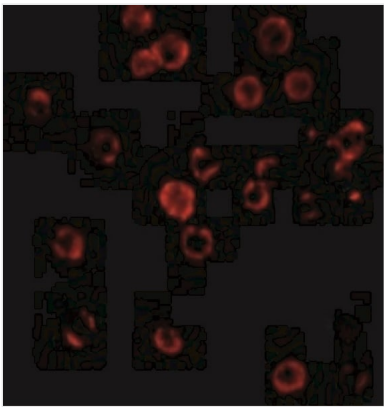
CATALOG # AAA10929	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

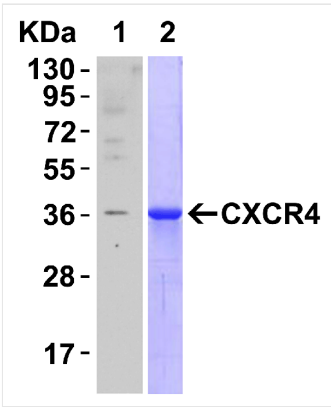
OCLN; Polyclonal Antibody; OCLN Antibody; BLCPMG; Occludin; occludin; anti-OCLN antibody

PRODUCT SPECIFICATIONS

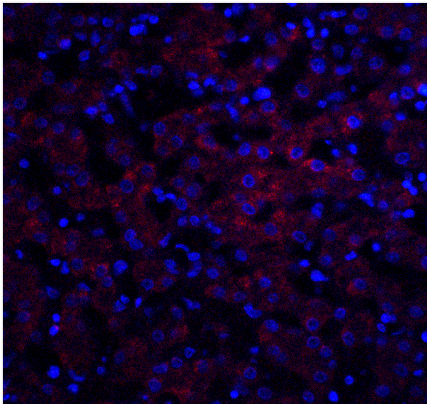
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	OCLN Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	522
Applicable Applications for anti-OCLN antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	OCLN antibody can be used for detection of OCLN by Western blot at 1 mug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 mug/mL. For immunofluorescence start at 20 mug/mL.
Conjugate	Unconjugated
Immunogen	OCLN antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human OCLN.
Buffer	OCLN Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	OCLN antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.



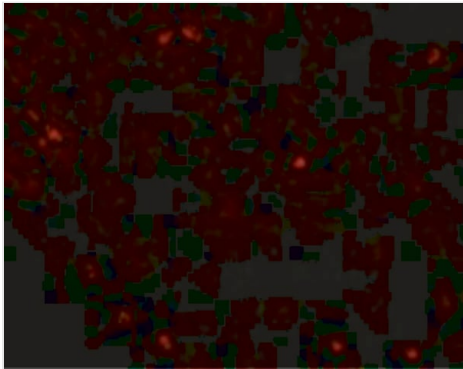
IHC (Immunohistochemistry)
Immunohistochemistry of OCLN in mouse brain tissue with OCLN Antibody at 5 μg/mL.



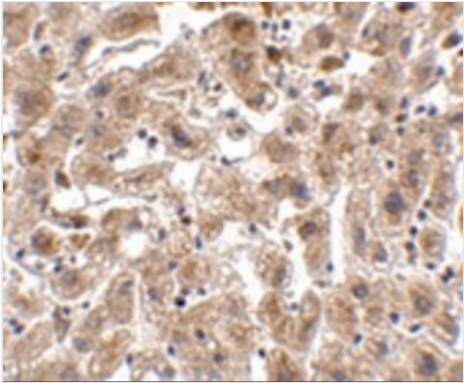
IF (Immunofluorescence)
Immunofluorescence of OCLN in mouse brain tissue with OCLN antibody at 20 μg/mL.Red: OCLN Antibody (5191)Blue: DAPI staining



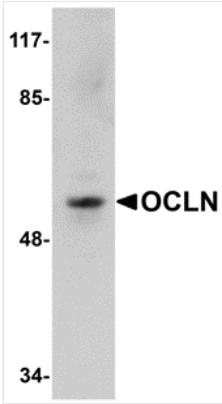
IF (Immunofluorescence)
Immunofluorescence of OCLN in human liver tissue with OCLN antibody at 20 μg/ml.Red: OCLN Antibody (5191)Blue: DAPI staining



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



IHC (Immunohistochemistry)
Immunohistochemistry of OCLN in human liver tissue with OCLN antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of OCLN in human liver tissue lysate with OCLN antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-OCLN antibody	OCLN Antibody: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20987418
NCBI GeneID	4950
UniProt Accession #	Q16625; Q5U1V4; Q8N6K1; B5BU70; D2DU64; D2DU65; D2IGC0; D2IGC1; E2CYV9
Molecular Weight	8,175 Da
NCBI Official Full Name	OCLN protein
UniProt Protein Name	Occludin
UniProt Gene Name	OCLN
UniProt Entry Name	OCLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ocln-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10929>