

Product Datasheet

Occludin Antibody - BSA Free NBP1-77037

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-77037

Occludin Antibody - BSA Free

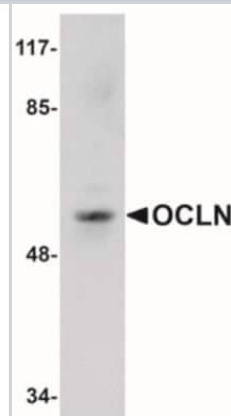
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	57 kDa

Product Description	
Host	Rabbit
Gene ID	100506658
Gene Symbol	OCLN
Species	Human, Mouse, Rat
Marker	Tight Junctions Marker
Specificity/Sensitivity	At least three isoforms of OCLN are known to exist.
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human OCLN. The immunogen is located within the last 50 amino acids of OCLN. Amino Acid Squence: SHIKKMVG DYDRQKT

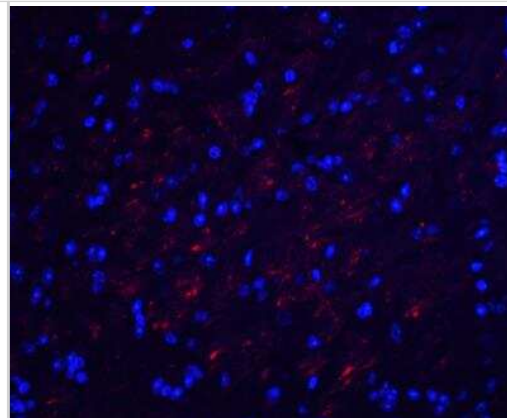
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/ml

Images

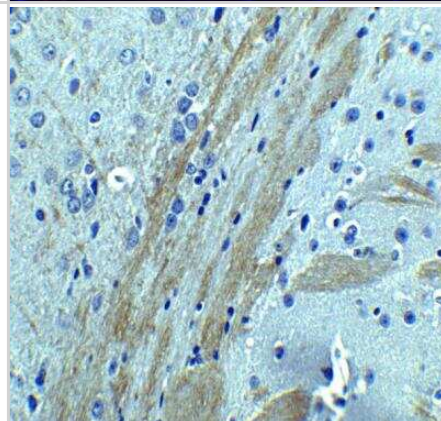
Western Blot: Occludin Antibody [NBP1-77037] - Western blot analysis of OCLN in human liver tissue lysate with OCLN antibody at 1 ug/mL.



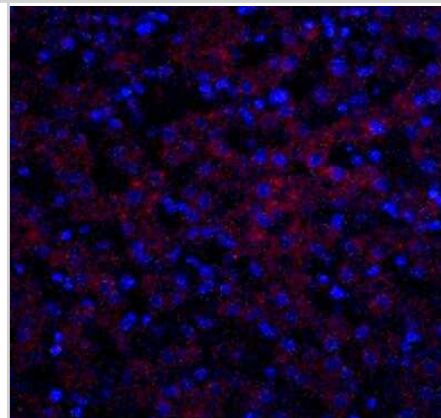
Immunocytochemistry/Immunofluorescence: Occludin Antibody [NBP1-77037] - Mouse brain tissue with OCLN antibody at 20 ug/mL.



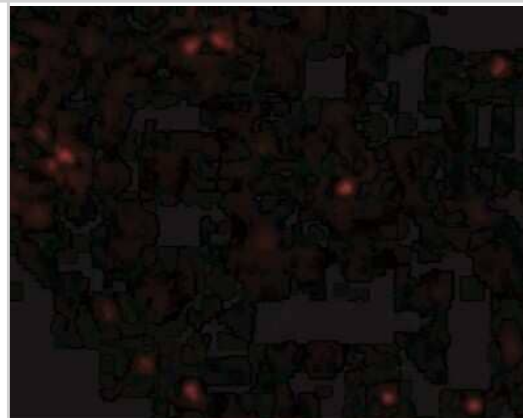
Immunohistochemistry-Paraffin: Occludin Antibody [NBP1-77037] - Mouse brain tissue with OCLN Antibody at 5 ug/mL.



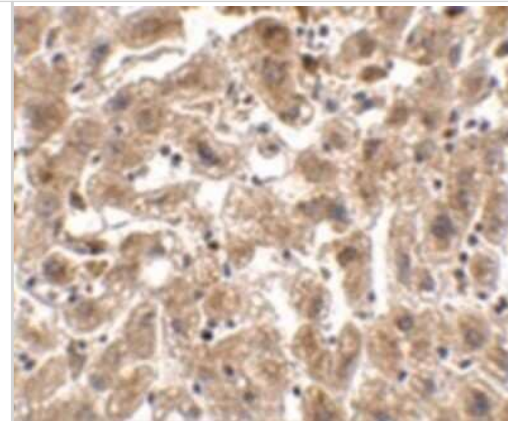
Immunocytochemistry/Immunofluorescence: Occludin Antibody [NBP1-77037] - Human liver tissue with OCLN antibody at 20 ug/ml.



Immunocytochemistry/Immunofluorescence: Occludin Antibody [NBP1-77037] - Staining of OCLN in Human Liver tissue with OCLN antibody at 20 ug/mL.



Immunohistochemistry-Paraffin: Occludin Antibody [NBP1-77037] - Immunohistochemistry of OCLN in human liver tissue with OCLN antibody at 2.5 ug/mL.



Publications

Yuan J, Zhang Y, Zhang Y et al. Effects of metal nanoparticles on tight junction-associated proteins via HIF-1alpha/miR-29b/MMPs pathway in human epidermal keratinocytes Particle and fibre toxicology 2021-03-19 [PMID: 33740985]

Lee PC, Hsieh YC, Huo TI et al. Active Vitamin D3 Treatment Attenuated Bacterial Translocation via Improving Intestinal Barriers in Cirrhotic Rats Molecular nutrition & food research 2020-11-30 [PMID: 33258263] (WB, Rat)

Horn La, Riskin J, Hempel Ha et Al. Simultaneous inhibition of CXCR1/2, TGF-beta, and PD-L1 remodels the tumor and its microenvironment to drive antitumor immunity J Immunother Cancer 2020-03-01 [PMID: 32188703] (IF, Human, Mouse)

Liu Q, Xu C, Ji G et al. Sublethal effects of zinc oxide nanoparticles on male reproductive cells. Toxicol In Vitro 2016-05-28 [PMID: 27247145] (ICC/IF, WB)



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Products Related to NBP1-77037

NBP1-77037PEP	Occludin Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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