

# Product Datasheet

## Occludin Antibody - BSA Free

### NBP1-77037

Unit Size: 0.1 mg

Store at 4C.

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[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 4

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Updated 10/23/2025 v.20.1

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**NBP1-77037**

Occludin Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	57 kDa

**Product Description**

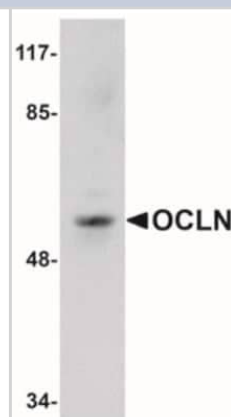
<b>Description</b>	Novus Biologicals Rabbit Occludin Antibody - BSA Free (NBP1-77037) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Occludin Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	100506658
<b>Gene Symbol</b>	OCLN
<b>Species</b>	Human, Mouse, Rat
<b>Marker</b>	Tight Junctions Marker
<b>Specificity/Sensitivity</b>	At least three isoforms of OCLN are known to exist.
<b>Immunogen</b>	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 Sequence: SHIKKMVG DYDRQKT

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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

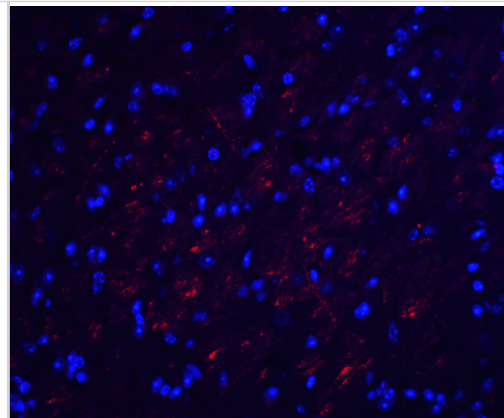
**Images**

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

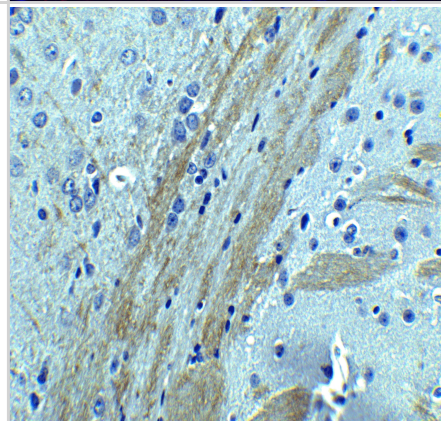


Immunocytochemistry/ Immunofluorescence: Occludin Antibody - BSA Free [NBP1-77037] - Immunofluorescence of Occludin in mouse brain tissue with Occludin antibody at 20 ug/mL.

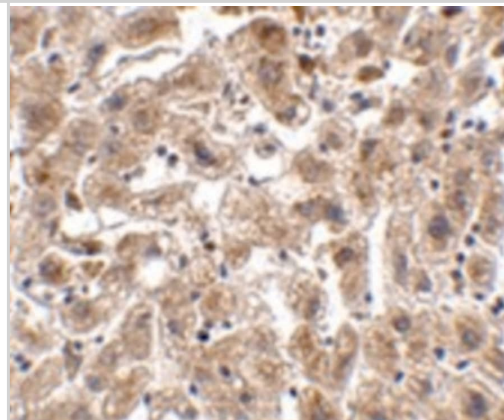
Red: Occludin Antibody  
Blue: DAPI staining



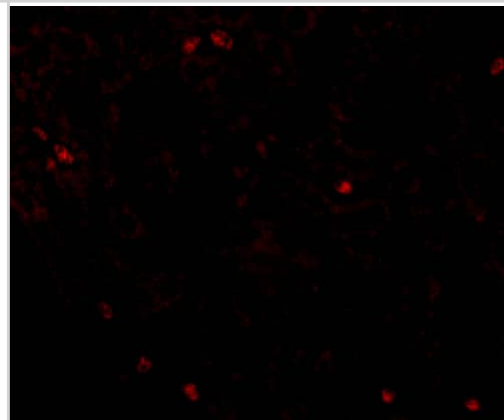
Immunohistochemistry: Occludin Antibody - BSA Free [NBP1-77037] - Immunohistochemistry of Occludin in mouse brain tissue with Occludin Antibody at 5 ug/mL.



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

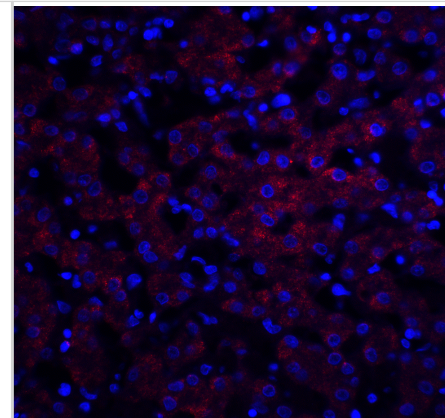


Immunocytochemistry/ Immunofluorescence: Occludin Antibody - BSA Free [NBP1-77037] - Immunofluorescence of Occludin in Human Liver tissue with Occludin antibody at 20 u/mL.



Immunocytochemistry/ Immunofluorescence: Occludin Antibody - BSA Free [NBP1-77037] - Immunofluorescence of Occludin in human liver tissue with Occludin antibody at 20 ug/ml.

Red: Occludin Antibody  
Blue: DAPI staining



## 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)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-77037**

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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

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### **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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