

# Occludin Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 15 amino acid peptide from near the carboxy terminus of human OCLN.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_11154303

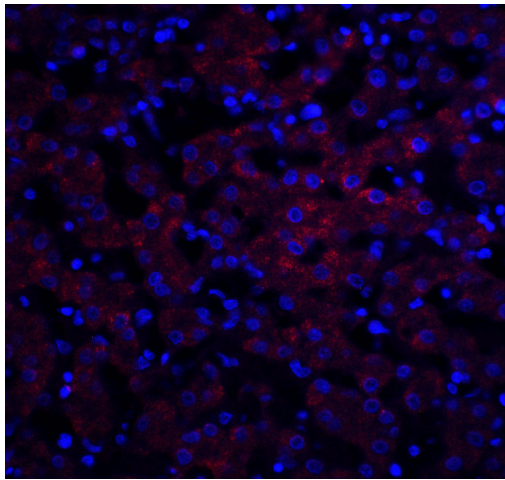
Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	3 Publications
Immunohistochemistry (IHC)	2.5 µg/mL	1 Publication

## Product Specific Information

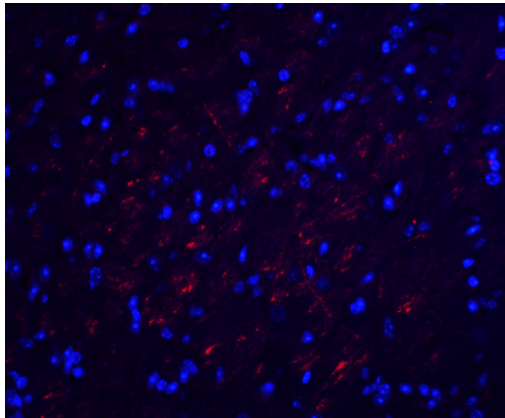
A suggested positive control is human liver tissue lysate.

PA5-20755 can be used with blocking peptide PEP-0869.

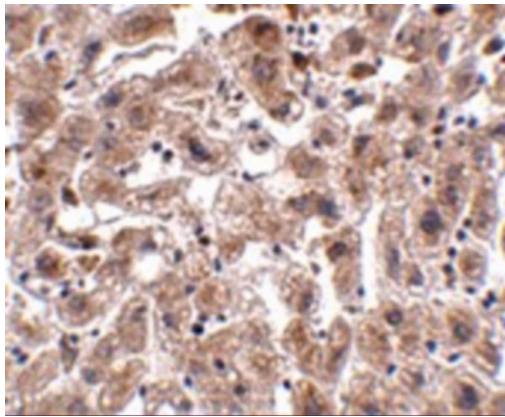
Product Images For Occludin Polyclonal Antibody



**Occludin Antibody (PA5-20755) in IHC**  
Immunofluorescence of OCLN in human liver tissue with Occludin Polyclonal Antibody (Product # PA5-20755) at 20 µg/mL. Red: OCLN Blue: DAPI staining



**Occludin Antibody (PA5-20755) in IHC**  
Immunofluorescence of OCLN in mouse brain tissue with Occludin Polyclonal Antibody (Product # PA5-20755) at 20 µg/mL. Red: OCLN Blue: DAPI staining



**Occludin Antibody (PA5-20755) in IHC**  
Immunohistochemistry of OCLN in human liver tissue with Occludin Polyclonal Antibody (Product # PA5-20755) at 2.5 µg/mL.

[View more figures on thermofisher.com](https://thermofisher.com)

Western Blot (3)

<p>Folia morphologica</p> <p><b>Curcumin reduces blood-nerve barrier abnormalities and cytotoxicity to endothelial cells and pericytes induced by cisplatin.</b></p> <p>"PA5-20755 was used in Western Blotting to investigate if cisplatin causes blood-nerve barrier disruption in the nerves and might result in neuropathy."</p> <p>Authors: Kobutree P,Tothonglor A,Roumwong A,Jindatip D,Agthong S</p>	<p>Year 2023</p> <p>Species Human</p> <p>Dilution 1:200</p>
<p>Pharmaceutics</p> <p><b>Blood-Brain Barrier Permeability: Is 5-Hydroxytryptamine Receptor Type 4 a Game Changer?</b></p> <p>"Published figure using Occludin polyclonal antibody (Product # PA5-20755) in Western Blot"</p> <p>Authors: Becker G,Da Silva S,Sabo AN,Antal MC,Kemmel V,Monassier L</p>	<p>Year 2021</p> <p>Species Human</p>

View more WB references on thermofisher.com

Immunohistochemistry (1)

<p>Scientific reports</p> <p><b>Transcriptomic profiles reveal differences in zinc metabolism, inflammation, and tight junction proteins in duodenum from cholesterol gallstone subjects.</b></p> <p>"PA5-20755 was used in Immunohistochemistry-immunofluorescence to identify the role of the small intestine in GSD pathogenesis."</p> <p>Authors: Riveras E,Azocar L,Moyano TC,Ocares M,Molina H,Romero D,Roa JC,Valbuena JR,Gutiérrez RA,Miquel JF</p>	<p>Year 2020</p> <p>Species Human</p> <p>Dilution 1:100</p>
---	---

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.