

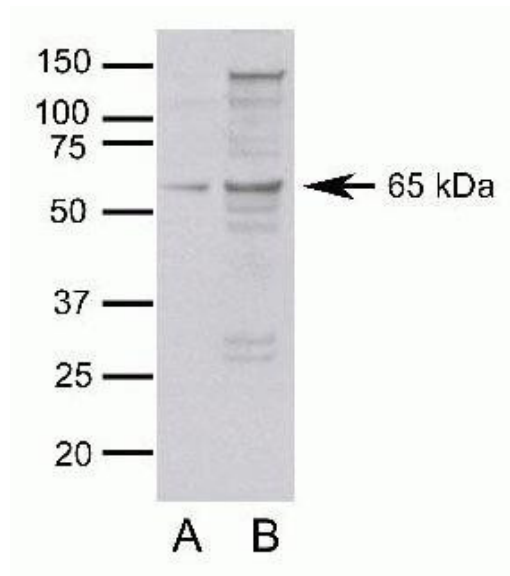


Occludin Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Dog, Human
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Raised against the C-term of human Occludin.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533516

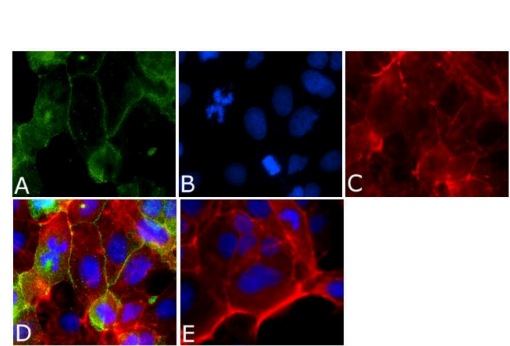
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	4 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	-
Immunohistochemistry - Free Floating (IHC (Free))	-	1 Publication
Immunocytochemistry (ICC/IF)	1 µg/mL	2 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For Occludin Polyclonal Antibody



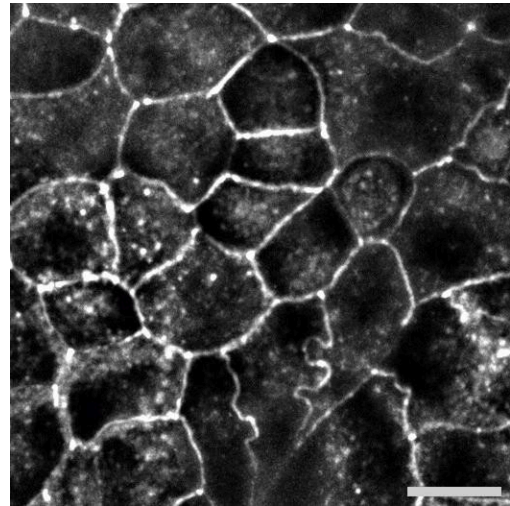
Occludin Antibody (42-2400) in WB

Western blot analysis of (A) MDCK and (B) Caco-2 cell lysates using Zymed Rb anti-Occludin (C-term-GST) (Product # 42-2400).



Occludin Antibody (42-2400) in ICC/IF

Immunofluorescent analysis of occludin Antibody was done on 90% confluent log phase CACO2 cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.25% Triton™ X-100 for 10 minutes, and blocked with 5% BSA for 1 hour at room temperature. The cells were labeled with Occludin Antibody (Product # 42-2400) at 1µg/mL in 1% BSA and incubated for 3 hours at room temperature and then labeled with Alexa Fluor 488 Goat Anti-Rabbit IgG Secondary Antibody (Product # A-11008) at a dilution of 1:400 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor 594 Phalloidin (Product # A12381). Panel d is a merged image showing cell junctional localization. Panel e is a no primary antibody control. The images were captured at 40X magnification.



Occludin Antibody (42-2400) in ICC/IF

Indirect immunofluorescent staining of Caco-2 cells using Zymed Rb anti-Occludin (C-term-GST) (Product # 42-2400). Image courtesy of Dr. Jerrold R. Turner, University of Chicago, Chicago, IL.

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Western Blot (4)

Cell host & microbe	Year 2017
Helicobacter pylori Employs a Unique Basolateral Type IV Secretion Mechanism for CagA Delivery.	Species Human
"42-2400 was used in Western Blotting to demonstrate that type IV secretion system pilus formation during infection of polarised cells occurs predominantly at basolateral membranes, and not at apical sites."	
Authors: Tegtmeier N,Wessler S,Necchi V,Rohde M,Harrer A,Rau TT,Asche CI,Boehm M,Loessner H,Figueiredo C,Naumann M,Palmisano R,Solcia E,Ricci V,Backert S	
EMBO molecular medicine	Year 2013
Matrix metalloproteinase 13 modulates intestinal epithelial barrier integrity in inflammatory diseases by activating TNF.	Species Mouse
"42-2400 was used in immunohistochemistry - paraffin section to determine the role of matrix metalloproteinase 3 in sepsis and inflammatory bowel disease."	
Authors: Vandenbroucke RE,Dejonckheere E, Van Hauwermeiren F,Lodens S,De Rycke R, Van Wonterghem E,Staes A, Gevaert K,López-Otin C,Libert C	
Dilution 1:250	

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Immunohistochemistry (4)

Andrologia	Year 2020
Evaluation of blood-testis barrier integrity in terms of adhesion molecules in nonobstructive azoospermia.	
"Published figure using Occludin polyclonal antibody (Product # 42-2400) in Immunohistochemistry"	
Authors: Aydin S,Billur D,Kizil S,Ozkavukcu S,Topal Celikkan F,Aydos K,Erdemli E	
The American journal of pathology	Year 2013
Bifidobacteria stabilize claudins at tight junctions and prevent intestinal barrier dysfunction in mouse necrotizing enterocolitis.	Species Human
"Published figure using Occludin polyclonal antibody (Product # 42-2400) in Immunofluorescence"	
Authors: Bergmann KR,Liu SX,Tian R,Kushnir A,Turner JR,Li HL,Chou PM,Weber CR,De Plaen IG	

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More applications with references on thermofisher.cn

- IHC (Free) (1)
- ICC/IF (2)
- Misc (1)

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