

bs-10011R**[Primary Antibody]****OCN | Occludin Rabbit pAb****BioSS**
ANTIBODIES

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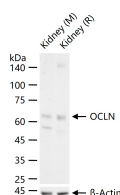
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (2µg/Test) IP (1:50-200)
Clonality: Polyclonal		
GeneID: 100506658	SWISS: Q16625	
Target: OCLN Occludin		Reactivity: Mouse, Rat (predicted: Human)
Immunogen: KLH conjugated synthetic peptide derived from human Occludin: 151-250/522. < Extracellular >		
Purification: affinity purified by Protein A		Predicted MW.: 59 kDa
Concentration: 1mg/ml		Observed MW.: 65 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cell membrane
Background: This gene encodes an integral membrane protein which is located at tight junctions. This protein may be involved in the formation and maintenance of the tight junction. The possibility of several alternatively spliced products has been suggested but the full nature of these products has not been described. [provided by RefSeq].		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with OCLN polyclonal antibody, unconjugated (bs-10011R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=14.7]** Chunxiao Liu. et al.Targeting P2Y₁₄R protects against necroptosis of intestinal epithelial cells through PKA/CREB/RIPK1 axis in ulcerative colitis.nature communications.2024 Mar 7;15(1):2083. IF ;Mouse. 38453952
- **[IF=13.352]** Guangdong Bai. et al. Perinatal exposure to glyphosate-based herbicides impairs progeny health and placental angiogenesis by disturbing mitochondrial function. ENVIRON INT. 2022 Dec;170:107579 IF ;Pig. 36265358
- **[IF=10.7]** Jing Zheng. et al. Lycopene Alleviates Deoxynivalenol-Induced Porcine Intestinal Epithelial Barrier Injury by Inhibiting PGAM5-Mediated Mitophagy-Dependent Ferroptosis. Research. 2026 Apr;9 WB ;Pig. 42027993
- **[IF=10.479]** Shiyun Chen. et al. Targeted delivery of Chinese herb pair-based berberine/tannin acid self-assemblies for the treatment of ulcerative colitis. J Adv Res. 2021 Nov;; IF ;MOUSE. 10.1016/j.jare.2021.11.017
- **[IF=10.2]** Deng Zihan. et al. Gold nanoparticles exhibit anti-osteoarthritic effects via modulating interaction of the “microbiota-gut-joint” axis. J NANOBIOTECHNOL. 2024 Dec;22(1):1-23 IF ;Mouse. 38589904