

**bs-42307R****[ Primary Antibody ]****CLDN1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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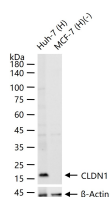
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
<b>GeneID:</b> 9076	<b>SWISS:</b> O95832	<b>Predicted MW.:</b> 23 kDa
<b>Target:</b> CLDN1		<b>Subcellular Location:</b> Cell membrane
<b>Immunogen:</b> Recombinant human CLDN1 protein: 137-211/211.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. Loss of function mutations result in neonatal ichthyosis-sclerosing cholangitis syndrome. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with CLDN1 polyclonal antibody, unconjugated (bs-42307R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**— SELECTED CITATIONS —**

- **[IF=2.7]** Yiming Wei. et al. FoxO4 reduces the damage and mechanism of PEDV-infected IPEC-J2 cells through the NF-κB/MLCK pathway. VET MICROBIOL. 2025 Jul;306:110568 WB ;Fig. 40398348