

Anti-Claudin 1 Rabbit pAb



WL03073

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Claudin 1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:300
	IF	1: 200
Cellular localization	Cell junction, tight junction. Cell membrane	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	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.
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Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Claudin 1.
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Purification	Polyclonal antibody was purified by Protein A affinity chromatography.
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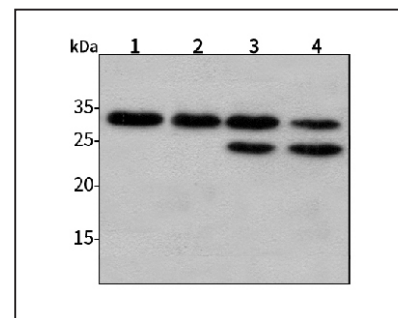
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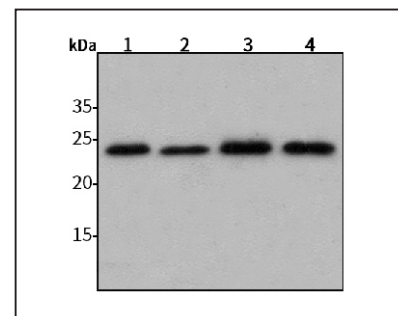
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Product Images



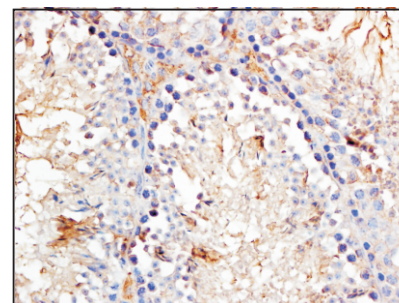
Western blot-Anti-Claudin 1 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human MCF-7 cell lysate
 Lane 4: Human HEK-293 cell lysate
 All lanes: Anti-Claudin 1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 23 kDa
 Observed band size: 23 kDa



Western blot-Anti-Claudin 1 pAb

Lane 1: Mouse lung tissue lysate
 Lane 2: Mouse colon tissue lysate
 Lane 3: Rat spleen tissue lysate
 Lane 4: Rat stomach tissue lysate
 All lanes: Anti-Claudin 1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 23 kDa
 Observed band size: 23 kDa



Immunohistochemistry-Anti-Claudin1 pAb

Immunohistochemical analysis of paraffin-embedded mouse testicle using anti-Claudin1 Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

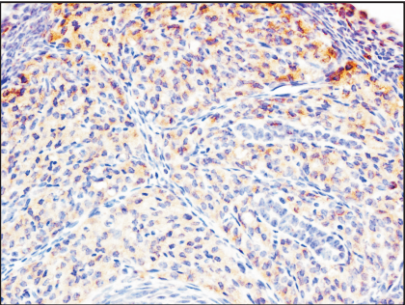
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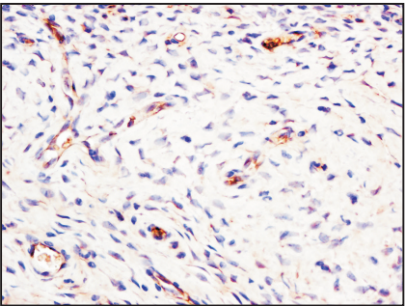
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Immunohistochemistry-Anti-Claudin1 pAb

Immunohistochemical analysis of paraffin-embedded rat ovary using anti-Claudin1 Rabbit Antibody at 1:200 dilution.

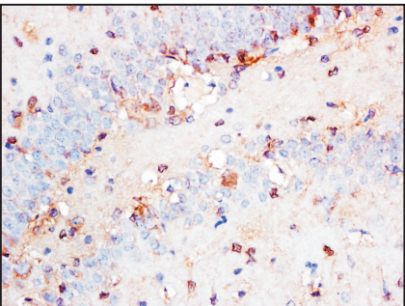
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Claudin1 pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-Claudin1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Claudin1 pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-Claudin1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

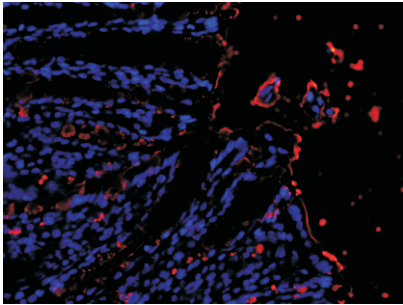
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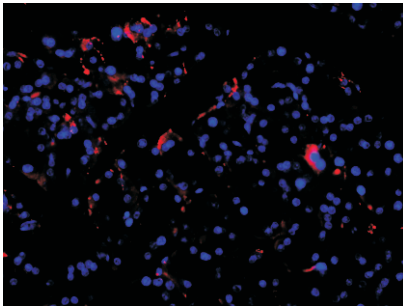
Product Images



Immunofluorescence-Anti-Claudin 1 pAb

Immunofluorescence analysis of paraffin-embedded mouse colon using anti-Claudin 1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Claudin 1 pAb

Immunofluorescence analysis of paraffin-embedded rat pancreas using anti-Claudin 1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0