

Claudin 14 Polyclonal Antibody

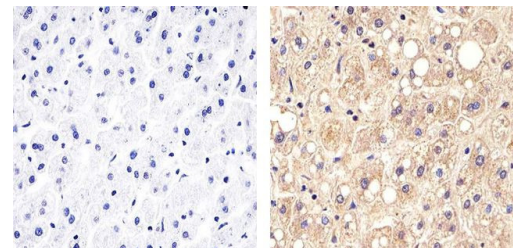
Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the mid region of the human Claudin-14 protein.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533258

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50	-
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication

Product Images For Claudin 14 Polyclonal Antibody

Claudin 14 Antibody (36-4200) in IHC (P)

Immunohistochemistry analysis of Claudin-14 showing staining in the membrane and cytoplasm of paraffin-embedded human liver tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a Claudin-14 polyclonal antibody (Product # 36-4200) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



Immunohistochemistry (2)

<p>Methods in molecular biology (Clifton, N.J.)</p> <p>Enhanced immunohistochemical resolution of claudin proteins in glycolmethacrylate-embedded tissue biopsies.</p> <p>Authors: Collins JE,Kirk A,Campbell SK,Mason J,Wilson SJ</p>	<p>Year 2011</p> <p>Species Human</p> <p>Dilution 1:20</p>
<p>Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association</p> <p>Differential expression of claudin tight junction proteins in the human cortical nephron.</p> <p>Authors: Kirk A,Campbell S,Bass P,Mason J,Collins J</p>	<p>Year 2010</p> <p>Species Human</p>

Immunohistochemistry (Frozen) (1)

<p>The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society</p> <p>Expression and function of tight junctions in the crypt epithelium of human palatine tonsils.</p> <p>"36-4200 was used in immunohistochemistry - frozen section to examine the expression and function of tight junctions in the epithelium of human palatine tonsils from patients with tonsillar hypertrophy or recurrent tonsillitis"</p> <p>Authors: Go M,Kojima T,Takano K,Murata M,Ichimiya S,Tsubota H,Himi T,Sawada N</p>	<p>Year 2004</p> <p>Dilution 1:100</p>
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