

## Claudin 1 antibody

Cat. No. GTX54539

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA, IHC
Reactivity	Human, Mouse, Rat, Dog

References ( 5 )

Package

100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2 µg/mL
ICC/IF	15-20 µg/mL
IHC-P	1:10-1:100
IHC-Fr	Assay dependent
IP	Assay dependent
ELISA	0.1-1 µg/ml
IHC	Assay dependent

Not tested in other applications.

**Calculated MW** 23 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS
Preservative	0.1% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.25 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic peptide derived from the C-terminus of the human/mouse Claudin-1 protein.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



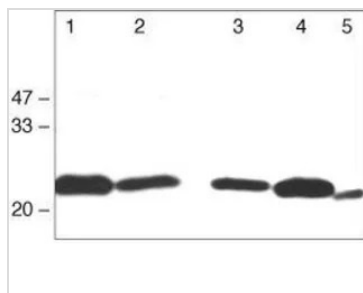
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**Note**

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DATA IMAGES



**GTx54539 WB Image**

WB analysis of various lysates using GTx54539 Claudin 1 antibody.

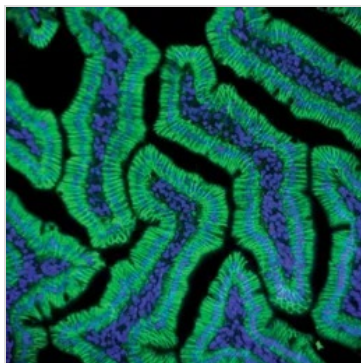
Lane 1 : Rat liver tissue lysate

Lane 2 : Rat kidney tissue lysate

Lane 3 : MDCK whole cell lysate

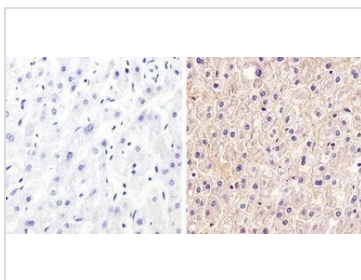
Lane 4 : Caco-2 whole cell lysate

Lane 5 : Mouse hepatocytes



**GTx54539 IHC-Fr Image**

IHC-Fr analysis of rat small intestine tissue using GTx54539 Claudin 1 antibody.



**GTx54539 IHC-P Image**

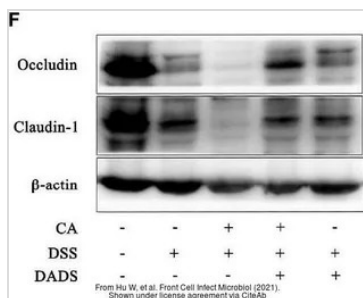
IHC-P analysis of human liver tissue using GTx54539 Claudin 1 antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20



**GTx54539 WB Image**

The data was published in the 2021 in Front Cell Infect Microbiol. [PMID: 35071031](https://pubmed.ncbi.nlm.nih.gov/35071031/)



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