

For Research Use Only

# Claudin 5 Polyclonal antibody

Catalog Number: 13805-1-AP

8 Publications



## Basic Information

Catalog Number:

13805-1-AP

Size:

N/A

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4799

GenBank Accession Number:

BC032363

GeneID (NCBI):

7122

UNIPROT ID:

O00501

Full Name:

claudin 5

Calculated MW:

218 aa, 23 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

## Background Information

Claudins are a family of proteins that are the most important components of the tight junctions, where they establish the paracellular barrier that controls the flow of molecules in the intercellular space between the cells of an epithelium. 23 claudins have been identified. They are small (20-27 kilodalton (kDa)) proteins with very similar structure. They have four transmembrane domains, with the N-terminus and the C-terminus in the cytoplasm.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hui Xu	27830712	Sci Rep	IF
Jizhe Guo	31791014	Mol Ther Nucleic Acids	WB
Renkan Zhang	35330841	Front Pharmacol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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