

For Research Use Only

# Claudin 9 Polyclonal antibody

Catalog Number: 17738-1-AP

2 Publications



## Basic Information

Catalog Number:

17738-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11941

GenBank Accession Number:

BC051870

GeneID (NCBI):

9080

UNIPROT ID:

O95484

Full Name:

claudin 9

Calculated MW:

217 aa, 23 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

mouse

Cited Species:

human, rat

Positive Controls:

WB : mouse lung tissue,

## 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. They are small (20-27kDa) proteins with very similar structure. They have four transmembrane domains, with the N-terminus and the C-terminus in the cytoplasm. This antibody is specifically against claudin 9.

## Notable Publications

| Author       | Pubmed ID | Journal      | Application |
|--------------|-----------|--------------|-------------|
| Jae-Min Lee  | 35453602  | Biomedicines | WB          |
| Kamilla Toon | 37310242  | J Virol      | 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

\*\*\* 20ul sizes contain 0.1% BSA

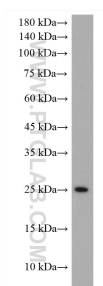
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## Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 17738-1-AP (Claudin 9 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.