

Claudin 9 Polyclonal antibody

Catalog Number: 17738-1-AP

2 Publications

Basic Information

Catalog Number:

17738-1-AP

Size:

500 µg/ml

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:

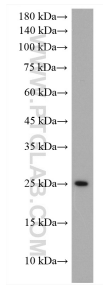
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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.