

For Research Use Only

Claudin 9 Polyclonal antibody

Catalog Number: 17738-1-AP

2 Publications



Basic Information

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| Catalog Number: 17738-1-AP | GenBank Accession Number: BC051870 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 500 µg/ml by Nanodrop; | GeneID (NCBI): 9080 | Recommended Dilutions: WB 1:200-1:1000 |
| Source: Rabbit | Full Name: claudin 9 | |
| Isotype: IgG | Calculated MW: 217 aa, 23 kDa | |
| Immunogen Catalog Number: AG11941 | Observed MW: 25 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse lung tissue, |
| Cited Applications: WB | |
| Species Specificity: mouse | |
| Cited Species: human, 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. 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

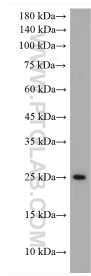
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.