

For Research Use Only

Claudin 9 Polyclonal antibody

Catalog Number: 17738-1-AP **2 Publications**



Basic Information

Catalog Number: 17738-1-AP	GenBank Accession Number: BC051870	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 9080	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: O95484	
Isotype: IgG	Full Name: claudin 9	
Immunogen Catalog Number: AG11941	Calculated MW: 217 aa, 23 kDa	
	Observed MW: 25 kDa	

Applications

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

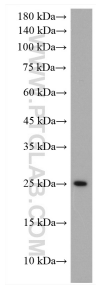
Storage

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

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