

For Research Use Only

Claudin 5 Polyclonal antibody

Catalog Number: 13805-1-AP **7 Publications**



Basic Information

Catalog Number: 13805-1-AP	GenBank Accession Number: BC032363	Purification Method: Antigen affinity purification
Size: 150ul	GeneID (NCBI): 7122	
Source: Rabbit	Full Name: claudin 5	
Isotype: IgG	Calculated MW: 218 aa, 23 kDa	
Immunogen Catalog Number: AG4799		

Applications

Tested Applications:
ELISA

Cited Applications:
IF, WB

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

*** 20ul sizes contain 0.1% BSA

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