

For Research Use Only

Claudin 15 Polyclonal antibody

Catalog Number:16302-1-AP



Basic Information

Catalog Number: 16302-1-AP	GenBank Accession Number: BC010160	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 24146	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: P56746	
Isotype: IgG	Full Name: claudin 15	
Immunogen Catalog Number: AG9124	Calculated MW: 128aa,14 kDa; 228aa,24 kDa	
	Observed MW: 24-26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse colon tissue, mouse small intestine tissue, rat colon tissue, rat small intestine tissue
Species Specificity: human, mouse, rat	

Background Information

Claudins are a family of proteins that are the most important components of 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. Claudin family member Claudin-15 is a classic tight junction molecule.

Storage

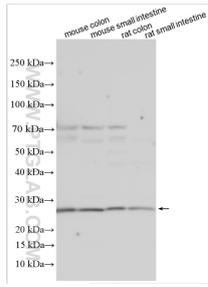
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16302-1-AP (Claudin 15 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.