

For Research Use Only

Claudin 15 Polyclonal antibody, PBS Only

Catalog Number: 16302-1-PBS



Basic Information

Catalog Number:

16302-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9124

GenBank Accession Number:

BC010160

GeneID (NCBI):

24146

UNIPROT ID:

P56746

Full Name:

claudin 15

Calculated MW:

128aa,14 kDa; 228aa,24 kDa

Observed MW:

24-26 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

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. Claudin family member Claudin-15 is a classic tight junction molecule.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

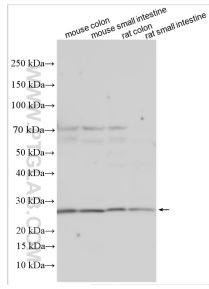
For technical support and original validation data for this product please contact:

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



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. This data was developed using the same antibody clone with 16302-1-PBS in a different storage buffer formulation.