Claudin 9-specific Polyclonal ANTIBODY
Catalog Number: 16196-1-AP

Basic Information
Catalog Number: 16196-1-AP
GenBank Accession Number: NM_020982
GeneID (NCBI): 9080
Recommended Dilutions:
WB 1:200-1:1000
IP 0.5-4.0 μg for IP and 1:200-1:1000 for WB

Size:
23 μg/150 μl
Source:
Rabbit
Isotype:
IgG
Purification Method:
Antigen affinity purification
Immunogen Catalog Number:

Full Name:
claudin 9
Calculated MW:
23 kDa
Observed MW:
25-29 kDa

Applications
Tested Applications:
IP, WB, ELISA
Cited Applications:
IHC, WB
Species Specificity:
human, mouse, rat
Cited Species:
rat

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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. This antibody is specifically against claudin 9.

Notable Publications

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<th>Author</th>
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<td>Kratzer Ingrid I</td>
<td>22886143</td>
<td>Histochem Cell Biol</td>
<td>WB, IHC</td>
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Storage
Store at -20ºC. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20ºC storage

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
HeLa cells were subjected to SDS-PAGE followed by western blot with 16196-1-AP (Claudin 9-specific antibody) at a dilution of 1:300, incubated at room temperature for 1.5 hours.