

For Research Use Only

Claudin 2 Polyclonal antibody

Catalog Number: 26912-1-AP **3 Publications**



Basic Information

Catalog Number: 26912-1-AP	GenBank Accession Number: BC014424	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 9075	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: P57739	
Isotype: IgG	Full Name: claudin 2	
Immunogen Catalog Number: AG25527	Calculated MW: 25 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, HepG2 cells
Cited Applications: WB, IF	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

Claudin 2, also named as SP82, belongs to the claudin family. Claudin 2 is a tetraspan membrane protein consisting of two extracellular domains (ECL1 and ECL2), a small intracellular loop connecting the second and third transmembrane sections and short intracellular N and C terminal portions. Claudin 2 is a cation-selective channel forming TJ protein expressed in leaky epithelia. Claudin 2 is a 230 amino acid transmembrane protein, with a calculated molecular mass of 25 kDa (PMID: 31726679)

Notable Publications

Author	Pubmed ID	Journal	Application
Yajuan Tian	38216112	Toxicology	IF
Mingzhe Wang	37498932	Bioconjug Chem	WB
Weifang Wang	35911120	Front Nutr	IF

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:

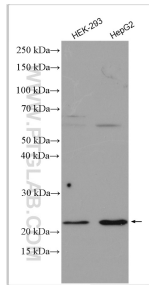
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W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26912-1-AP (Claudin 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.