

CLDN18 Antibody

Catalog No: #43253

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Description

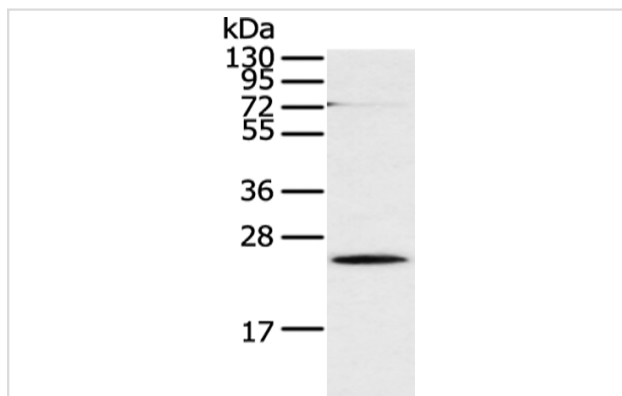
Product Name	CLDN18 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CLDN18 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CLDN18
Target Name	CLDN18
Other Names	SFTA5; SFTPJ
Accession No.	Swiss-Prot#: P56856 Gene ID: 51208
Uniprot	P56856
GeneID	51208;
Calculated MW	28kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Mouse stomach tissue
Primary antibody: 1/250 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes

Background

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction

strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is upregulated in patients with ulcerative colitis and highly overexpressed in infiltrating ductal adenocarcinomas.?

Note: This product is for in vitro research use only