

## Claudin-18 rabbit pAb

<b>Catalog No :</b>	YT7850
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Claudin 18
<b>Fields :</b>	>>Cell adhesion molecules;>>Tight junction;>>Leukocyte transendothelial migration;>>Pathogenic Escherichia coli infection;>>Hepatitis C
<b>Gene Name :</b>	CLDN18 UNQ778/PRO1572
<b>Protein Name :</b>	Claudin-18
<b>Human Gene Id :</b>	51208
<b>Human Swiss Prot No :</b>	P56856
<b>Mouse Gene Id :</b>	56492
<b>Mouse Swiss Prot No :</b>	P56857
<b>Immunogen :</b>	Synthesized peptide derived from human Claudin-18. AA:70-100
<b>Specificity :</b>	This antibody detects endogenous levels of Human Claudin-18
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 29kD

**Function :** function:Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.,similarity:Belongs to the claudin family.,tissue specificity:Concentrated at the cell-cell borders of epithelial cells.,

**Subcellular Location :** Cell junction, tight junction . Cell membrane ; Multi-pass membrane protein . Localizes to tight junctions in epithelial cells. .

**Expression :** Isoform A1: Expression is restricted to the lung (PubMed:19047087). Isoform A2: Expression is restricted to the stomach mucosa where it is predominantly observed in the epithelial cells of the pit region and the base of the gastric glands including exocrine and endocrine cells (at protein level) (PubMed:19047087).

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