



Rabbit Anti-Human CLDN18.2 Polyclonal Antibody (CABT-Z509R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to N terminal of Human CLDN18. aa 1-50.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IHC-P, FC Recommended dilution: WB: 1:500-1:2000 IHC-P: 1:100-1:500 FC: 1:50-1:100
Molecular Weight	28 kDa
Positive Control	Rat heart tissue lysates, human stomach carcinoma tissue, F9.
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	1*PBS (pH7.4), 0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.
Preservative	0.05% sodium azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Tight junction molecule claudin-18 isoform 2 (CLDN18.2) is a member of the claudin family of proteins, which includes tight junction proteins that establish paracellular barriers to control the flow of molecules between cells. CLDN18.2 is highly expressed in the healthy stomach and is strictly confined to differentiated epithelial cells of the gastric mucosa. Recent studies have identified CLDN18.2 as a promising target in gastric cancer therapy. CLDN18.2 is overexpressed in a significant proportion of gastric cancers and esophageal adenocarcinomas. The restricted expression makes it an attractive target for the treatment of gastric and esophageal adenocarcinoma.
Keywords	huCLDN18.2;CLDN18.2;CLDN;Claudin 18.2