



Rabbit Anti-Mouse CLDN3 polyclonal antibody (CABT-L1731)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rat
Target	CLDN3
Immunogen	Synthetic peptide derived from C-terminus of mouse claudin-3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	22-24 kDa
Cellular Localization	Cytoplasm, Membrane
Positive Control	Small Intestine
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Claudin 1-8 proteins are a family of transmembrane proteins associated with tight junctions. Tight junctions are specialized regions of cell to cell contact; made up of a network of strands to act as a molecular gasket for preventing the leakage of ions, water etc. between cells. They are abundant in luminal epithelial sheets where they maintain epithelial cell polarity. Different tissues exhibit different claudin composition.

Keywords

CLDN3;claudin 3;mRVP1;Cpetr2;AI182374;claudin-3;CPE-R 2;CPE-receptor 2;clostridium perfringens enterotoxin receptor 2

GENE INFORMATION

Entrez Gene ID

[1365](#)

UniProt ID

[O15551](#)
