



Rabbit Anti-Human CLDN11 polyclonal antibody (CABT-L1730)

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	CLDN11
Immunogen	Synthetic peptide derived from C-terminus of human claudin-11 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	20 kDa
Cellular Localization	Membrane
Positive Control	Mouse Brain, Testis
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

The claudin superfamily consists of many structurally related proteins in humans. These proteins, which include claudin 1 through 18, are important structural and functional components of tight junctions in paracellular transport. Claudins are located in both epithelial and endothelial cells in all tight junction-bearing tissues. Claudins, which consist of four trans-membrane domains and two extracellular loops, make up tight junction strands. Claudin-11 is an oligodendrocyte-specific protein that is expressed in the tight junctions of Sertoli cells and myelin sheaths in mice.

Keywords

CLDN11;claudin 11;OSP;OTM;claudin-11;oligodendrocyte-specific protein;oligodendrocyte transmembrane protein

GENE INFORMATION

Entrez Gene ID

[5010](#)

UniProt ID

[O75508](#)
