Datasheet for ABIN390022

anti-Claudin 2 antibody (pTyr224)

1 Image

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Overview

Quantity:	400 µL
Target:	Claudin 2 (CLDN2)
Binding Specificity:	pTyr224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 2 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This CLDN2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y224 of human CLDN2.
Clone:	RB16647
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Claudin 2 (CLDN2)
Alternative Name:	CLDN2 (CLDN2 Products)
Background:	Members of the claudin protein family, such as CLDN2, are expressed in an organ-specific

Target Details

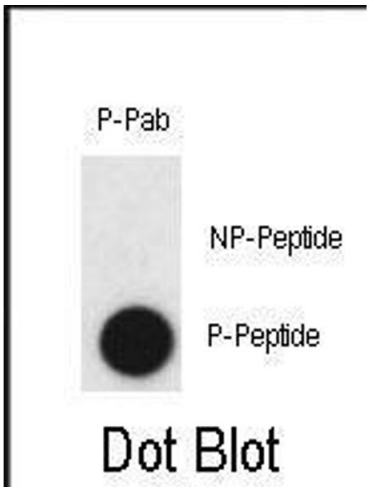
	manner and regulate the tissue-specific physiologic properties of tight junctions.
Molecular Weight:	24549
Gene ID:	9075
NCBI Accession:	NP_001164563, NP_001164566, NP_065117
UniProt:	P57739
Pathways:	Hepatitis C

Application Details

Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Dot Blot

Image 1. Dot blot analysis of anti-Phospho-CLDN2-p Antibody (ABIN390022 and ABIN2839781) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.