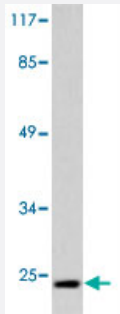


CLDN4 polyclonal antibody

Catalog # PAB27036

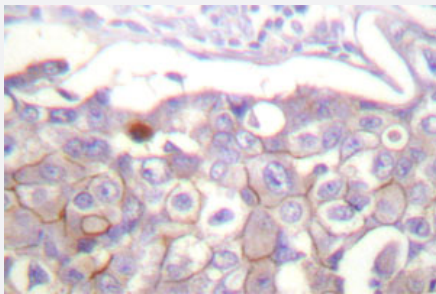
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CLDN4 polyclonal antibody (Cat # PAB27036) in extracts from HeLa cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of CLDN4 polyclonal antibody (Cat # PAB27036) in paraffin-embedded human breast carcinoma tissue.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CLDN4.
Immunogen	A synthetic peptide corresponding to human CLDN4.
Host	Rabbit
Theoretical MW (kDa)	22
Reactivity	Human, Mouse, Rat
Specificity	CLDN4 polyclonal antibody detects endogenous levels of CLDN4 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of CLDN4 polyclonal antibody (Cat # PAB27036) in extracts from HeLa cells.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of CLDN4 polyclonal antibody (Cat # PAB27036) in paraffin-embedded human breast carcinoma tissue.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CLDN4

Entrez GeneID	1364
Protein Accession#	O14493
Gene Name	CLDN4
Gene Alias	CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R
Gene Description	claudin 4
Omim ID	602909
Gene Ontology	Hyperlink

Gene Summary

This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq]

Other Designations

Clostridium perfringens enterotoxin receptor 1|Williams-Beuren syndrome chromosomal region 8 protein

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)