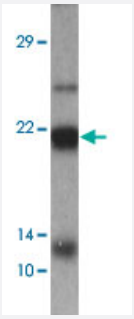
CLDN4 polyclonal antibody

Catalog # PAB25629 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of CLDN4 in human colon tissue with CLDN4 polyclonal antibody (Cat # PAB25629) at 1 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CLDN4.
Immunogen	A synthetic peptide corresponding to 17 amino acids at C-terminus of human CLDN4.
Host	Rabbit
Theoretical MW (kDa)	23
Reactivity	Human, Mouse, Rat
Specificity	At least four isoforms of CLAUDIN4 are known to exist; CLAUDIN4 antibody will detect all four isofor ms.
Form	Liquid
Purification	Peptide affinity purification
Concentration	1 mg/mL
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C for three months. 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CLDN4

Entrez GeneID	1364
Protein Accession#	NP_001296
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 fun ction during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurode velopmental 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