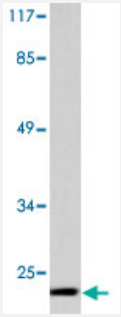
CLDN5 polyclonal antibody

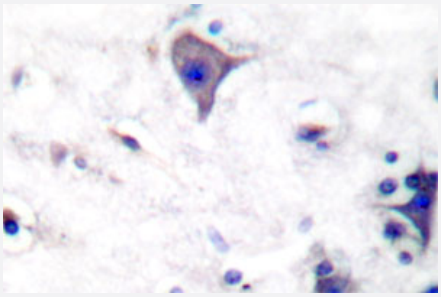
Catalog # PAB27037 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CLDN5 polyclonal antibody (Cat # PAB27037) in extracts from A-549 cells.



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

Immunohistochemical analysis of CLDN5 polyclonal antibody (Cat # PAB27037) in paraffin-embedded human brain tissue.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CLDN5.
Immunogen	A synthetic peptide corresponding to human CLDN5.
Host	Rabbit
Theoretical MW (kDa)	23
Reactivity	Human, Mouse, Rat
Specificity	CLDN5 polyclonal antibody detects endogenous levels of CLDN5 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of CLDN5 polyclonal antibody (Cat # PAB27037) in extracts from A-549 cells.

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

  Immunohistochemical analysis of CLDN5 polyclonal antibody (Cat # PAB27037) in paraffin-embedded human brain tissue.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CLDN5

Entrez GeneID	7122
Protein Accession#	O00501
Gene Name	CLDN5
Gene Alias	AWAL, BEC1, CPETRL1, TMVCF
Gene Description	claudin 5
Omim ID	602101
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent s olutes and water from passing freely through the paracellular space between epithelial or endothel ial cell sheets. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	androgen withdrawal and apoptosis induced protein RVP1-like|transmembrane protein deleted in velocardiofacial syndrome

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration
- Tight junction

Disease

- Chromosome Deletion
- Schizophrenia