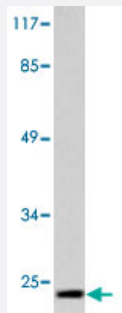


# CLDN7 polyclonal antibody

Catalog # PAB27038

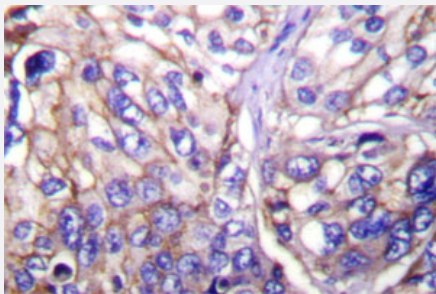
Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of CLDN7 polyclonal antibody (Cat # PAB27038) in extracts from K-562 cells.



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

Immunohistochemical analysis of CLDN7 polyclonal antibody (Cat # PAB27038) in paraffin-embedded human lung carcinoma tissue.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of CLDN7.
<b>Immunogen</b>	A synthetic peptide corresponding to human CLDN7.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	22
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	CLDN7 polyclonal antibody detects endogenous levels of CLDN7 protein.
<b>Form</b>	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (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)

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Immunohistochemical analysis of CLDN7 polyclonal antibody (Cat # PAB27038) in paraffin-embedded human lung carcinoma tissue.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CLDN7

Entrez GeneID	<a href="#">1366</a>
Protein Accession#	<a href="#">O95471</a>
Gene Name	CLDN7
Gene Alias	CEPTL2, CPETRL2, Hs.84359, claudin-1
Gene Description	claudin 7
Omim ID	<a href="#">609131</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

Claudins, such as CLDN7, are involved in the formation of tight junctions between epithelial cells. Tight junctions restrict lateral diffusion of lipids and membrane proteins, and thereby physically define the border between the apical and basolateral compartments of epithelial cells (Zheng et al., 2003 [PubMed 14502431]).[supplied by OMIM]

**Other Designations**

Clostridium perfringens enterotoxin receptor-like 2|claudin 9

## Pathway

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