

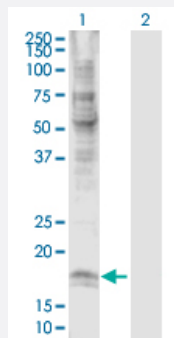
MaxPab®

CLDN7 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00001366-D01

Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CLDN7 expression in transfected 293T cell line ([H00001366-T01](#)) by CLDN7 MaxPab polyclonal antibody.

Lane 1: CLDN7 transfected lysate(22.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CLDN7 protein.
Immunogen	CLDN7 (NP_001298.2, 1 a.a. ~ 211 a.a) full-length human protein.
Sequence	MANSGQLQLLGFSMALLGWVGLVACTAIPQWQMSSYAGDNIITAQAMYKGLWMDCVTQSTGMMS CKMYDSVLALSAALQATRALMVVSLVLGFLAMFVATMGMKCTRCGGDDKVKKARIAMGGGIIFV AGLATLVACSWYGHQIVTDFYNPLIPTNICYEFGPAIFIGWAGSALVILGGALLSCSCPGNESKAGYR APRSYPKSNSSKEYV
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — CLDN7

Entrez GeneID	1366
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GeneBank Accession#	NM_001307.3
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Protein Accession#	NP_001298.2
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Gene Name	CLDN7
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Gene Alias	CEPTRL2, CPETRL2, Hs.84359, claudin-1
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Gene Description	claudin 7
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Omim ID	609131
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Gene Ontology	Hyperlink
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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]
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Other Designations	Clostridium perfringens enterotoxin receptor-like 2 claudin 9
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Pathway

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