

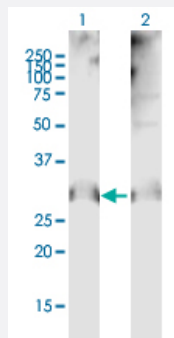
MaxPab®

# CLDN12 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009069-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of CLDN12 expression in transfected 293T cell line ([H00009069-T01](#)) by CLDN12 MaxPab polyclonal antibody.

Lane 1: CLDN12 transfected lysate(11.00 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                               |                                                                                                                                                                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse polyclonal antibody raised against a full-length human CLDN12 protein.                                                                                                                                                                                  |
| Immunogen                     | CLDN12 (AAH36754.1, 1 a.a. ~ 244 a.a) full-length human protein.                                                                                                                                                                                              |
| Sequence                      | MGCRDVHAATVLSFLCGIASVAGLFAGTLLPNWRKRLRLITFNRNEKNLTVYTGLWVKARYDGSS<br>DCLMYDTTWYSSVDQLDLRVLQFALPLSMLIAMGALLLCLIGMCNTAFRSSVPNIKAKCLVNSAG<br>CHLVAGLLFFLAGTVSLSPSMVIFYNHNLNKKFEPVFSFDYAVVYTIASAGGLFMTSLILFWYCTCK<br>SLPSPFWQPLYSHPPSMHTYSQPYSARSRLSAIEIDIPVVSHTT |
| Host                          | Mouse                                                                                                                                                                                                                                                         |
| Reactivity                    | Human                                                                                                                                                                                                                                                         |
| Interspecies Antigen Sequence | Mouse (91); Rat (92)                                                                                                                                                                                                                                          |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                       |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                             |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                      |

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[Protocol Download](#)

## Gene Info — CLDN12

Entrez GeneID [9069](#)

GeneBank Accession# [BC036754.2](#)

Protein Accession# [AAH36754.1](#)

Gene Name CLDN12

Gene Alias -

Gene Description claudin 12

Gene Ontology [Hyperlink](#)

**Gene Summary** Claudins, such as CLDN12, are components of epithelial cell tight junctions. Tight junctions regulate movement of solutes and ions through the paracellular space and prevent mixing of proteins and lipids in the outer leaflet of the apical and basolateral plasma membrane domains (Acharya et al., 2004).[supplied by OMIM]

**Other Designations** OTTHUMP00000067944