

## Datasheet

### CLDN7 MaxPab rabbit polyclonal antibody (D01)

[PubMed 14502431].[supplied by OMIM]

**Catalog Number:** H00001366-D01**Regulatory Status:** For research use only (RUO)**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:**MANSGLQLLGFSMALLGWVGLVACTAIPQWQMSSYA  
GDNIIAQAMYKGLWMDCVTQSTGMMSCMYDSVLA  
LSAALQATRALMVVSLVLGFLAMFVATMGMKCTRCGG  
DDKVKKARIAMGGGIIFIVAGLATLVACSWYGHQIVTDF  
YNPLIPTNIKYEFGPAIFIGWAGSALVILGGALLSCSCPG  
NESKAGYRAPRSYPKSNSSKEYV**Host:** Rabbit**Reactivity:** Human**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Storage Buffer:** No additive**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.**Entrez GeneID:** 1366**Gene Symbol:** CLDN7**Gene Alias:** CEPTRL2, CPETRL2, Hs.84359, claudin-1**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)