

**CD39L4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58461**

## Specification

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### CD39L4 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">O75356</a>
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47517

### CD39L4 Polyclonal Antibody - Additional Information

Gene ID 957

#### Other Names

Ectonucleoside triphosphate diphosphohydrolase 5, NTPDase 5, 3.6.1.6, CD39 antigen-like 4, ER-UDPase, Guanosine-diphosphatase ENTPD5, GDPase ENTPD5, 3.6.1.42, Nucleoside diphosphatase, Uridine-diphosphatase ENTPD5, UDPase ENTPD5, ENTPD5, CD39L4, PCPH

#### Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### CD39L4 Polyclonal Antibody - Protein Information

Name ENTPD5 ([HGNC:3367](#))

#### Function

Hydrolyzes nucleoside diphosphates with a preference for GDP, IDP and UDP compared to ADP and CDP (PubMed:<a href="http://www.uniprot.org/citations/10400613" target="\_blank">10400613</a>, PubMed:<a href="http://www.uniprot.org/citations/15698960" target="\_blank">15698960</a>). In the lumen of the endoplasmic reticulum, hydrolyzes UDP that acts as an end-product feedback inhibitor of the UDP-Glc:glycoprotein glucosyltransferases. UMP can be transported back by an UDP-sugar antiporter to the cytosol where it is consumed to regenerate UDP- glucose. Therefore, it positively regulates protein reglucosylation by clearing UDP from the ER lumen and by promoting the regeneration of UDP-glucose. Protein reglucosylation is essential to proper glycoprotein folding and quality control in the ER (By similarity).

#### Cellular Location

Endoplasmic reticulum {ECO:0000250|UniProtKB:Q9WUZ9}. Secreted

#### Tissue Location

Expressed in adult liver, kidney, prostate, testis and colon. Much weaker expression in other tissues

### **CD39L4 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **CD39L4 Polyclonal Antibody - Images**