
Product Name: ENTPD5 Rabbit Monoclonal Antibody**Catalog #: AMRe84556**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 48 kDa ; Observed MW: 47 kDa

Antigen Information

Gene Name	ENTPD5
Alternative Names	CD39L4; Entpd5; mNTPase; NTPDase 5; PCPH; UDPase ENTPD5;;ENTPD5
Gene ID	
SwissProt ID	O75356
Immunogen	A synthesized peptide derived from human ENTPD5

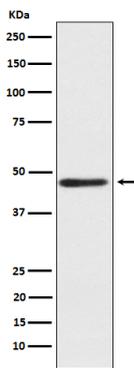
Background

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.

Research Area

Image Data



Western blot analysis of ENTPD5 expression in fetal liver lysate.