
Product Name: PIGQ Rabbit Polyclonal Antibody**Catalog #: APRab16140**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	83kDa

Antigen Information

Gene Name	PIGQ GPI1
Alternative Names	
Gene ID	9091.0
SwissProt ID	Q9BRB3
Immunogen	Synthesized peptide derived from human protein . at AA range: 130-210

Background

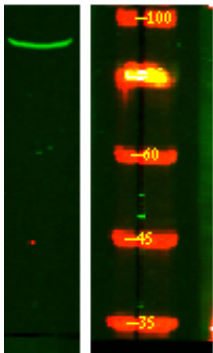
This gene is involved in the first step in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes a N-acetylglucosaminyl transferase component that is part of the complex that catalyzes transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc

to phosphatidylinositol (PI). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012],catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminy)-1-phosphatidyl-1D-myo-inositol.,function:Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGQ family.,subunit:Associates with PIGA, PIGC, PIGH, PIGP and DPM2. The latter is not essential for activity.,

Research Area

Glycosylphosphatidylinositol(GPI)-anchor biosynthesis;

Image Data



Western Blot analysis of HeLa lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000