

**Product Name: PIG-H Rabbit Polyclonal Antibody**  
**Catalog #: APRab16135**



## Summary

<b>Production Name</b>	PIG-H Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	PIGH
<b>Alternative Names</b>	PIGH; Phosphatidylinositol N-acetylglucosaminyltransferase subunit H; Phosphatidylinositol-glycan biosynthesis class H protein; PIG-H
<b>Gene ID</b>	5283.0
<b>SwissProt ID</b>	Q14442.The antiserum was produced against synthesized peptide derived from human PIGH. AA range:137-186

## Application

<b>Dilution Ratio</b>	IHC 1:100-1:300 ELISA: 1:40000
<b>Molecular Weight</b>	

## Background

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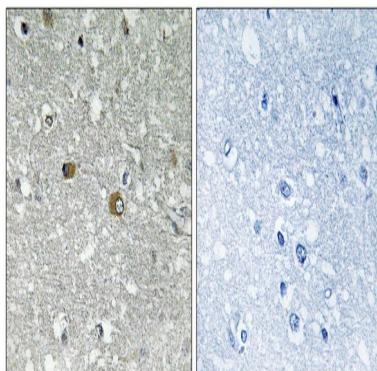


This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI anchor is a glycolipid found on many blood cells and which serves to anchor proteins to the cell surface. The protein encoded by this gene is a subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum. [provided by RefSeq, Jul 2008],catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-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.,online information:Phosphatidylinositol N-acetylglucosaminyltransferase subunit H,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGH family.,subunit:Associates with PIGA, PIGC, PIGP, PIGQ and DPM2. The latter is not essential for activity.,

## Research Area

Glycosylphosphatidylinositol(GPI)-anchor biosynthesis;

## Image Data



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PIGH Antibody. The picture on the right is blocked with the synthesized peptide.

## Note

For research use only.