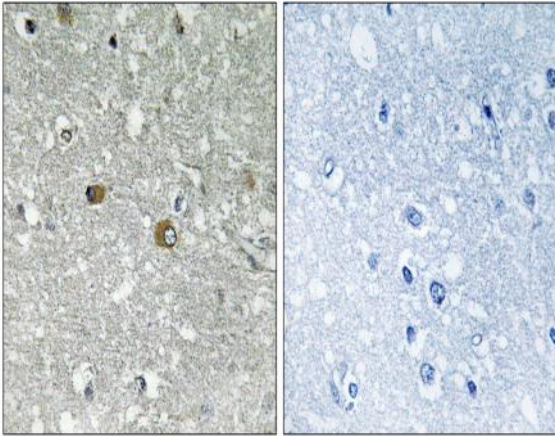


PIG-H Polyclonal Antibody

Catalog No :	YT3725
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	PIG-H
Fields :	>>Glycosylphosphatidylinositol (GPI)-anchor biosynthesis;>>Metabolic pathways
Gene Name :	PIGH
Protein Name :	Phosphatidylinositol N-acetylglucosaminyltransferase subunit H
Human Gene Id :	5283
Human Swiss Prot No :	Q14442
Mouse Gene Id :	110417
Mouse Swiss Prot No :	Q5M9N4
Immunogen :	The antiserum was produced against synthesized peptide derived from human PIGH. AA range:137-186
Specificity :	PIG-H Polyclonal Antibody detects endogenous levels of PIG-H protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Molecularweight :	<u>21kD</u>
Cell Pathway :	<u>Glycosylphosphatidylinositol(GPI)-anchor biosynthesis;</u>
Background :	<u>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],</u>
Function :	<u>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.,</u>
Subcellular Location :	<u>Cytoplasm.</u>
Expression :	<u>Blood,Lung,Placenta,</u>
Sort :	<u>12695</u>
No4 :	<u>1</u>
Host :	<u>Rabbit</u>
Modifications :	<u>Unmodified</u>

Products Images



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