Best Tools for immunology Research

PIGL rabbit pAb

Catalog No :	YT6358
Reactivity :	Human;Mouse;Rat
Applications :	WB;IF;ELISA;IHC
Target :	PIGL
Fields :	>>Glycosylphosphatidylinositol (GPI)-anchor biosynthesis;>>Metabolic pathways
Gene Name :	PIGL
Protein Name :	PIGL
Human Gene Id :	9487
Human Swiss Prot No :	Q9Y2B2
Mouse Gene Id :	327942
Mouse Swiss Prot No :	Q5SX19
Rat Gene Id :	192263
Rat Swiss Prot No :	O35790
Immunogen :	Synthesized peptide derived from human PIGL AA range: 77-127
Specificity :	This antibody detects endogenous levels of PIGL at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000; IF ICC 1:50-200;ELISA 1:2000-20000;IHC 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 : -15°C to -25°C/1 year(Do not lower than -25°C)

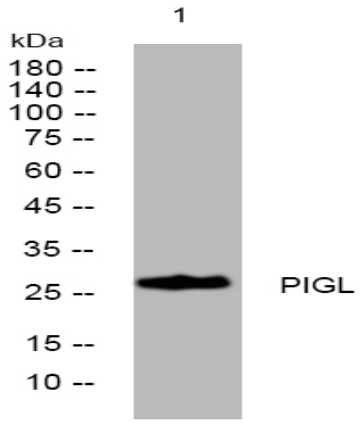
Molecularweight : 28kD

Background : This gene encodes an enzyme that catalyzes the second step of glycosylphosphatidylinositol (GPI) biosynthesis, which is the de-N-acetylation of N-acetylglucosaminylphosphatidylinositol (GlcNAc-PI). Study of a similar rat enzyme suggests that this protein localizes to the endoplasmic reticulum. [provided by RefSeq, Jul 2008],

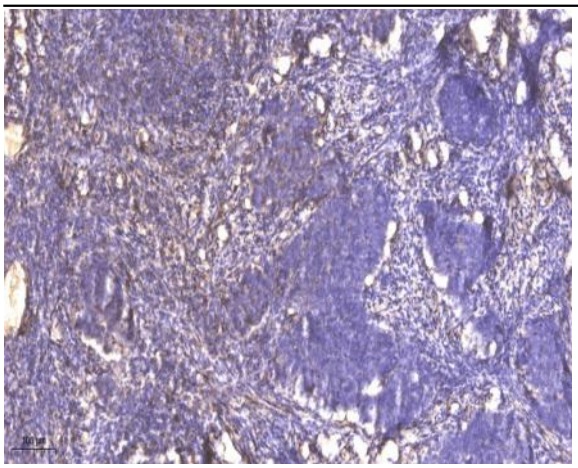
Function : catalytic activity:6-(N-acetyl-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol + H(2)O = 6-(alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol + acetate.,function:Involved in the second step of GPI biosynthesis. De-N-acetylation of N-acetylglucosaminyl-phosphatidylinositol.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGL family.,

Subcellular Location : Endoplasmic reticulum membrane ; Single-pass membrane protein .

Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).