

PIG-F Polyclonal Antibody

Catalog No :	YT3724
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	PIG-F
Fields :	>>Glycosylphosphatidylinositol (GPI)-anchor biosynthesis;>>Metabolic pathways
Gene Name :	PIGF
Protein Name :	Phosphatidylinositol-glycan biosynthesis class F protein
Human Gene Id :	5281
Human Swiss Prot No :	Q07326
Mouse Gene Id :	18701
Mouse Swiss Prot No :	O09101
Immunogen :	Synthesized peptide derived from PIG-F . at AA range: 130-210
Specificity :	PIG-F Polyclonal Antibody detects endogenous levels of PIG-F 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 : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 25kD

Cell Pathway : Glycosylphosphatidylinositol(GPI)-anchor biosynthesis;

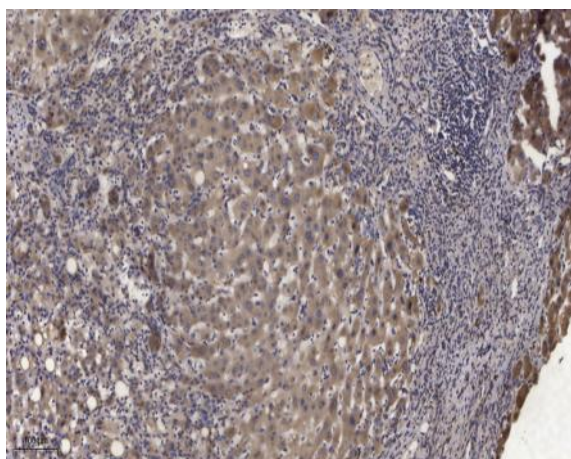
Background : This gene encodes a protein involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor, a glycolipid containing three mannose molecules in its core backbone, is found on many blood cells where it serves to anchor proteins to the cell surface. The encoded protein and another GPI synthesis protein, PIGO, function in the transfer of ethanolaminephosphate to the third mannose in GPI. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],

Function : function:Involved in GPI-anchor biosynthesis through the transfer of ethanolamine phosphate to the third mannose of GPI.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGF family.,subunit:Forms a complex with PIGG and PIGO. PIGF is required to stabilize PIGG and PIGO.,

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

Expression : Testis,

Products Images



Immunohistochemical analysis of paraffin-embedded human liver cancer. 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).