

产品名称: PIG-Y Rabbit Polyclonal Antibody
产品货号: APRab16145



产品概述 (Summary)

产品名称 (Production Name)	PIG-Y Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PIGY
别名 (Alternative Names)	PIGY; Phosphatidylinositol N-acetylglucosaminyltransferase subunit Y; Phosphatidylinositol-glycan biosynthesis class Y protein; PIG-Y
基因 ID (Gene ID)	84992.0
蛋白 ID (SwissProt ID)	Q3MUY2. The antiserum was produced against synthesized peptide derived from human PIGY. AA range: 3-52

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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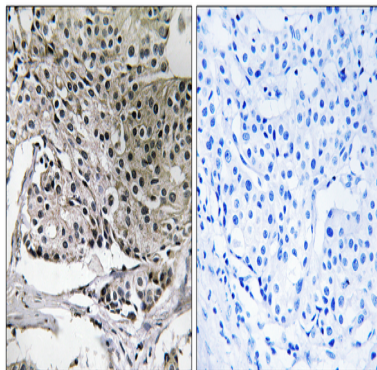
研究背景 (Background)

The protein encoded by this gene is part of the GPI-N-acetylglucosaminyltransferase (GPI-GnT) complex which initiates the biosynthesis of glycosylphosphatidylinositol (GPI). GPI is synthesized in the endoplasmic reticulum and serves as an anchor for many surface proteins. Proteins containing GPI anchors can have an important role in cell-cell interactions. The transcript for this gene is bicistronic. The downstream open reading frame encodes this GPI-GnT complex protein, while the upstream open reading frame encodes a protein with unknown function, as represented by GeneID:100996939. [provided by RefSeq, Aug 2012],function:Component of the GPI-GlcNAc transferase (GPI-GnT) complex in the endoplasmic reticulum, a complex that catalyzes transfer of GlcNAc from UDP-GlcNAc to an acceptor phosphatidylinositol, the first step in the production of GPI-anchors for cell surface proteins. May act by regulating the catalytic subunit PIGA.,miscellaneous:PIGY is derived from the same bicistronic transcript that encodes this protein.,miscellaneous:PREY is derived from the same bicistronic transcript that encodes this protein.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PREY family.,similarity:Contains 1 TRM112 domain.,subunit:Interacts with the GPI-GnT complex composed of PIGA, PIGC, PIGH, PIGP, PIGQ and DPM2. Interacts directly with PIGA. Does not interact with Ras proteins.,

研究领域 (Research Area)

Glycosylphosphatidylinositol(GPI)-anchor biosynthesis;

图片 (Image Data)



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

注意事项 (Note)

For research use only .