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PIGC Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21999c

Product Information

Application	WB, E
Primary Accession	Q92535
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54703
Calculated MW	33583

Additional Information

Gene ID	5279
Other Names	Phosphatidylinositol N-acetylglucosaminyltransferase subunit C, 2.4.1.198, Phosphatidylinositol-glycan biosynthesis class C protein, PIG-C, PIGC, GPI2
Target/Specificity	This PIGC antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 81-112 amino acids from the Central region of human PIGC.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PIGC Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PIGC (HGNC:8960)
Synonyms	GPI2
Function	Part of the glycosylphosphatidylinositol-N- acetylglucosaminyltransferase (GPI-GnT) complex that catalyzes the transfer of N-acetylglucosamine from

	UDP-N-acetylglucosamine to phosphatidylinositol and participates in the first step of GPI biosynthesis.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein

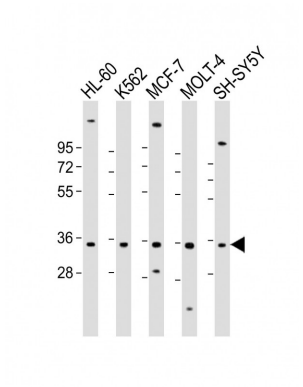
Background

Part of the complex catalyzing the transfer of N- acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis.

References

Inoue N.,et al.Biochem. Biophys. Res. Commun. 226:193-199(1996).
Hong Y.,et al.Genomics 44:347-349(1997).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).

Images



All lanes : Anti-PIGC Antibody (Center) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: K562 whole cell lysate Lane 3: MCF-7 whole cell lysate Lane 4: MOLT-4 whole cell lysate Lane 5: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.