10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PIGC Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21999c

Product Information

Application	WB, E
Primary Accession	Q92535
Reactivity	Human, Rat, Mouse
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

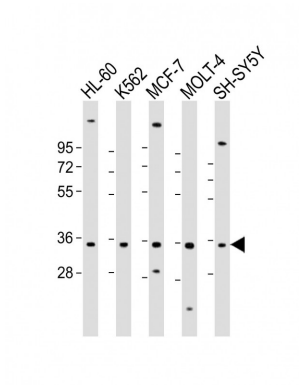
Background

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.