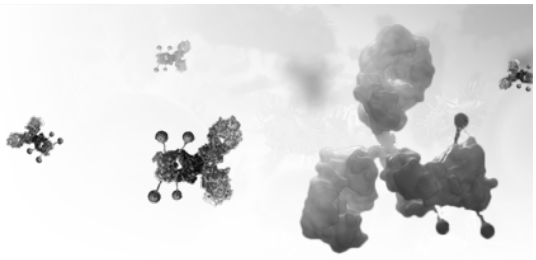

Anti-PIGC (aa 1-54) polyclonal antibody (DPAB-DC2243)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI) lipid anchor biosynthesis. The GPI lipid anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. The encoded protein is one subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum. Two alternatively spliced transcripts that encode the same protein have been found for this gene. A pseudogene on chromosome 11 has also been characterized.
Immunogen	PIGC (NP_002633, 1 a.a. ~ 54 a.a) partial recombinant protein with GST tag. The sequence is MYAQPVTNTKEVKWQKVLYERQPFPDNYVDRRFLEELRKNIHARKYQYWAVVFE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	PIGC phosphatidylinositol glycan anchor biosynthesis, class C [Homo sapiens (human)]
Official Symbol	PIGC
Synonyms	PIGC; phosphatidylinositol glycan anchor biosynthesis, class C; GPI2; phosphatidylinositol N-acetylglucosaminyltransferase subunit C; PIG-C; phosphatidylinositol-glycan biosynthesis class C protein; phosphatidylinositol-glycan biosynthesis, class C protein;
Entrez Gene ID	5279
Protein Refseq	NP_002633
UniProt ID	Q92535
Chromosome Location	1q23-q25
Pathway	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis; Metabolism of proteins; Post-translational protein modification.
Function	catalytic activity; phosphatidylinositol N-acetylglucosaminyltransferase activity;

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