PIG-Y Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253990
Unit: 0.1 mg

Description:
Glycosylphosphatidylinositol (GPI) lipid anchoring is an important post-translational modification of proteins that takes place in the endoplasmic reticulum. The synthesis of GPI is initiated by GPI-N-acetylglucosaminyltransferase (GPI-GnT), a complex of proteins including PIG-A, PIG-H, PIG-C, GPI1, and DPM2. PIG-Y, the mammalian homolog to yeast Eri1p, is also thought to be involved in the biosynthesis of GPI. The PIG-Y gene encodes two proteins, one of which arises from leaky scanning of the mRNA. This antibody only detects isoform 1 of PIG-Y. Despite its predicted molecular weight, PIG-Y often migrates at 28-30 kDa in SDS-PAGE.

Isotype: Rabbit Ig
Applications: E, WB, IHC
Species Reactivity: H, M
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: PIG-Y ; Phosphatidylinositol glycan anchor biosynthesis class Y; PreY; PIGY
Accession No.: NP_116295

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human PIG-Y.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.