

## PIG-Y rabbit pAb

Cat No.:ES7794

For research use only

## Overview

Product Name PIG-Y rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human PIGY. AA range:3-52

**Specificity** PIG-Y Polyclonal Antibody detects endogenous

levels of PIG-Y protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Phosphatidylinositol

N-acetylglucosaminyltransferase subunit Y

Gene Name PIG\

**Cellular localization** Endoplasmic reticulum membrane ; Multi-pass

membrane protein.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 84992 Human Swiss-Prot Number Q3MUY2

Alternative Names PIGY; Phosphatidylinositol

N-acetylglucosaminyltransferase subunit Y; Phosphatidylinositol-glycan biosynthesis class Y

protein; PIG-Y

**Background** The protein encoded by this gene is part of the

GPI-N-acetylglucosaminyltransferase (GIP-GnT) complex which initiates the biosynthesis of

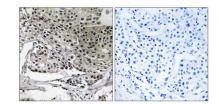


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glycosylphosphatidylinositol (GPI). GPI is synthesized in the endoplasmic reticulum and serves as an anchor for many surface proteins. Proteins containing GPI anchors can have an important role in cell-cell interactions. The transcript for this gene 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],

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



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