



# Rabbit anti-Human PIGZ polyclonal antibody (CABT-B9674)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant Protein, antigen sequence:LVPGLEYLEQVVHAPVLPSTPTHYTLFTHTYMPPRHLLHLPGLGAPVEVV DIGGTEDWALCQTLKSFTRQPACQVAGGPWLCRLFVVTGTTTTRAVEKCSFPFKNETLLF PHLTLEDPPALSSLLSGAWRDHLSLHIVELGEET (435-579 aa encoded by BC044640)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	human, Mouse, Rat
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IF, ELISA
<b>Molecular Weight</b>	63 kDa
<b>Positive Control</b>	human brain tissue, HEK-293 cells, human testis tissue
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
<b>Storage</b>	Store at -20°C.

## BACKGROUND

## Introduction

The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. This gene encodes a protein that is localized to the endoplasmic reticulum, and is involved in GPI anchor biosynthesis. As shown for the yeast homolog, which is a member of a family of dolichol-phosphate-mannose (Dol-P-Man)-dependent mannosyltransferases, this protein can also add a side-branching fourth mannose to GPI precursors during the assembly of GPI anchors.

## Keywords

PIGZ; phosphatidylinositol glycan anchor biosynthesis, class Z; SMP3; PIG-Z; GPI-MT-IV; GPI mannosyltransferase 4; SMP3 mannosyltransferase; GPI mannosyltransferase IV; phosphatidylinositol glycan, class Z; dol-P-Man dependent GPI mannosyltransferase; phosphatidylinositol-glycan biosynthesis class Z protein;

# GENE INFORMATION

## Entrez Gene ID

[80235](#)

## UniProt ID

[B4DL68](#)