

Datasheet for ABIN636039

anti-Prolipoprotein Diacylglyceryl Transferase antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Prolipoprotein Diacylglyceryl Transferase (IGT)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prolipoprotein Diacylglyceryl Transferase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PIGT antibody was raised using the C terminal of PIGT corresponding to a region with amino acids LPANSVTKVSIQFERALLKWTEYTPDPNHGFYVSPSVLSALVPSMVAAKP
Specificity:	PIGT antibody was raised against the C terminal of PIGT
Purification:	Affinity purified

Target Details

Target:	Prolipoprotein Diacylglyceryl Transferase (IGT)
Alternative Name:	IGT
Background:	PIGT is a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is an essential component of the multisubunit enzyme, GPI transamidase.

Target Details

	GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins.
Molecular Weight:	64 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PIGT Blocking Peptide, catalog no. 33R-5256, is also available for use as a blocking control in assays to test for specificity of this PIGT antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PIGT antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PIGT antibody used at 1 ug/ml to detect target protein.