

Datasheet for ABIN1538804
anti-PIGP antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PIGP
Binding Specificity:	AA 2-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PIGP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-30 amino acids from the N-terminal region of human PIGP.
Clone:	RB36402
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PIGP
Alternative Name:	PIGP (PIGP Products)
Background:	This gene encodes an enzyme involved in the first step of glycosylphosphatidylinositol (GPI)-

Target Details

anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. The encoded protein is a component of the GPI-N-acetylglucosaminyltransferase complex that catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). This gene is located in the Down Syndrome critical region on chromosome 21 and is a candidate for the pathogenesis of Down syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.

Molecular Weight: 18089

Gene ID: 51227

NCBI Accession: [NP_710148](#), [NP_710149](#)

UniProt: [P57054](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

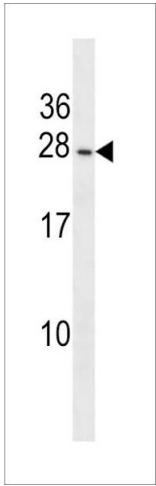
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: PIGP Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. PIGP Antibody (N-term) (ABIN1538804 and ABIN2848500) western blot analysis in T47D cell line lysates (35 µg/lane). This demonstrates the PIGP antibody detected the PIGP protein (arrow).