BT LAB
Bioassay Technology Laboratory

Optimize Your Research

PIGP Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13046
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P
Synonyms	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P ;EC 2.4.1.198;Down syndrome critical region protein 5;Down syndrome critical region protein C;Phosphatidylinositol-glycan biosynthe

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes an enzyme involved in the first step of glycosylphosphatidylinositol (GPI)-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. This gene has multiple pseudogenes and is a member of the phosphatidylinositol glycan anchor biosynthesis gene family. Alternatively spliced transcript variants encoding different isoforms have been described.

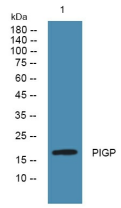
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year

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