

For Research Use Only

# PIGP Polyclonal antibody

Catalog Number:30623-1-AP



## Basic Information

**Catalog Number:**

30623-1-AP

**Size:**

1000 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG29498

**GenBank Accession Number:**

BC005180

**GeneID (NCBI):**

51227

**UNIPROT ID:**

P57054

**Full Name:**

phosphatidylinositol glycan anchor biosynthesis, class P

**Calculated MW:**

18 kDa

**Observed MW:**

15-18 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, ELISA

**Species Specificity:**

human

**Positive Controls:**

IP: U-87 MG cells,

## Background Information

Phosphatidylinositol glycan anchor biosynthesis, class P (PIGP), a member of the large glycosylphosphatidylinositol (GPI) anchor biosynthesis gene family, encodes a subunit of the enzyme that catalyzes the first step of GPI anchor biosynthesis (PMID: 28334793). Mutations in the PIGP gene can lead to a variety of disorders, including developmental delay, intellectual disability, seizures, dysmorphic features, and diverse congenital anomalies.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

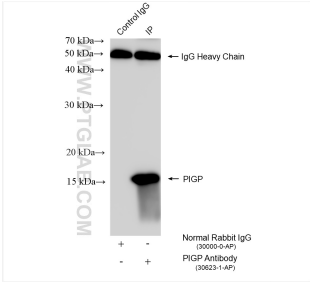
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# Selected Validation Data



IP result of anti-PIGP (IP:30623-1-AP, 4ug; Detection:30623-1-AP 1:300) with U-87 MG cells lysate 1360 ug.