

For Research Use Only

# GPAA1 Polyclonal antibody, PBS Only

Catalog Number:10104-1-PBS



## Basic Information

Catalog Number:

10104-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0152

GenBank Accession Number:

BC004129

GeneID (NCBI):

8733

UNIPROT ID:

O43292

Full Name:

glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast)

Calculated MW:

68 kDa

Observed MW:

60-68 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

GPAA1(Glycosylphosphatidylinositol anchor attachment 1 protein) is also named as GAA1. It is the most conspicuously hydrophobic of the known subunits of GPIT, and it may play a key role in substrate recognition. It is predicted to be a multispinning membrane protein of 67 kDa with seven transmembrane (TM) domains, a large luminal domain between the first two TM segments, and a cytoplasmically oriented N terminus bearing a potential ER retrieval signal in the form of a diarginine motif(PMID:12052837). It has 2 isoforms produced by alternative splicing and the full length protein has 2 glycosylation sites. This antibody is specific to GPAA1.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

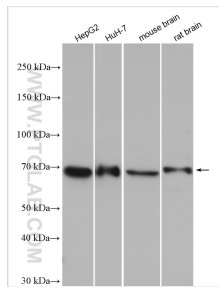
T: 4006900926

E: Proteintech-CN@ptglab.com

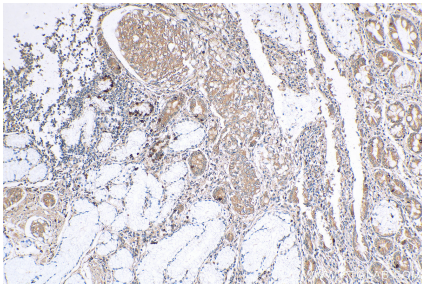
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



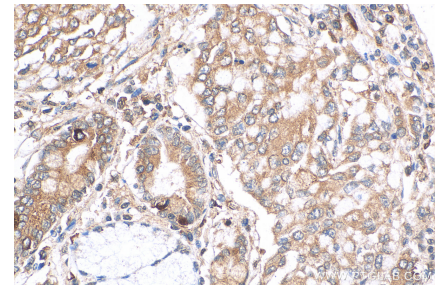
Various lysates were subjected to SDS PAGE followed by western blot with 10104-1-AP (GPAA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10104-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 10104-1-AP (GPAA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10104-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 10104-1-AP (GPAA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10104-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 10104-1-AP (GPAA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10104-1-PBS in a different storage buffer formulation.