

For Research Use Only

# GAPVD1 Polyclonal antibody, PBS Only

Catalog Number: 16940-1-PBS



## Basic Information

Catalog Number:

16940-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10492

GenBank Accession Number:

BC021119

GeneID (NCBI):

26130

UNIPROT ID:

Q14C86

Full Name:

GTPase activating protein and VPS9 domains 1

Calculated MW:

1478 aa, 165 kDa

Observed MW:

180-200 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

GTPase activating protein and VPS9 domains 1 (GAPVD1) is a multifunctional protein involved in cellular processes such as endocytosis, insulin receptor internalization, and GLUT4 trafficking. Its function is critical in maintaining cellular homeostasis and it interacts with various proteins, including those involved in endocytosis and circadian rhythm regulation.

## 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

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

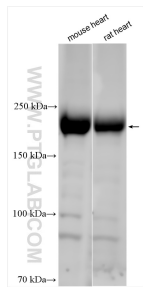
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

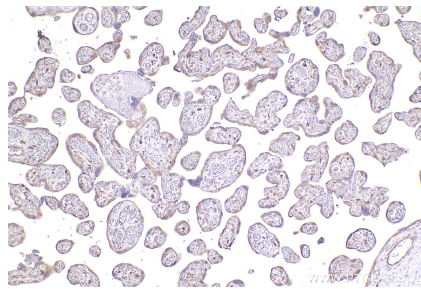
W: [ptgcn.com](http://ptgcn.com)

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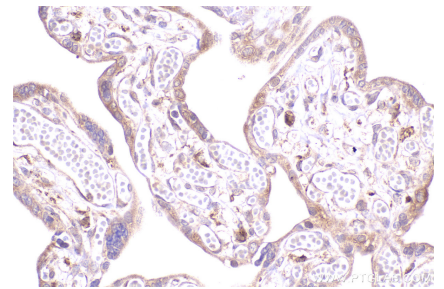
## Selected Validation Data



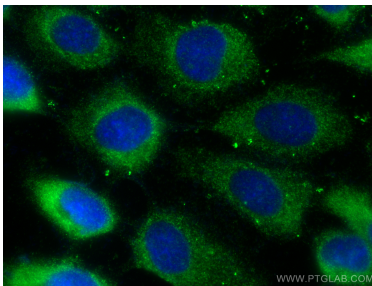
Various lysates were subjected to SDS PAGE followed by western blot with 16940-1-AP (GAPVD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16940-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16940-1-AP (GAPVD1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16940-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16940-1-AP (GAPVD1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16940-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using GAPVD1 antibody (16940-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 16940-1-PBS in a different storage buffer formulation.