

For Research Use Only

# PIGK Polyclonal antibody, PBS Only

Catalog Number: 15151-1-PBS



## Basic Information

### Catalog Number:

15151-1-PBS

### Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3497

### GenBank Accession Number:

BC026186

### GeneID (NCBI):

10026

### UNIPROT ID:

Q92643

### Full Name:

phosphatidylinositol glycan anchor biosynthesis, class K

### Calculated MW:

45 kDa

### Observed MW:

40-45 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, IHC, Indirect ELISA

### Species Specificity:

human

## Background Information

Phosphatidylinositol glycan, class K (PIGK), is a crucial member of the glycosyl-phosphatidylinositol transamidase (GPIT) protein complex that attaches a diverse group of macromolecules to the plasma membrane of eukaryotes. The human PIGK gene is involved in the key step of transferring GPI-anchor to the respective protein molecules in the plasma membrane (PMID: 22824918). Endogenous PIGK has 2 isoforms, 45 kDa and 36 kDa (PMID: 34193731).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

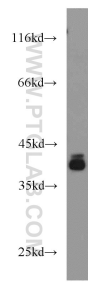
For technical support and original validation data for this product please contact:

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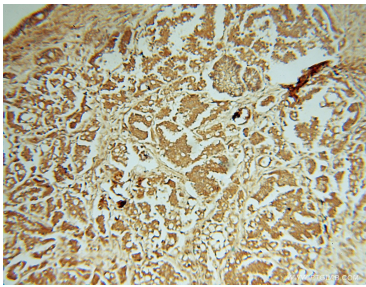
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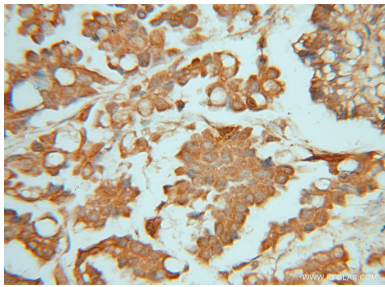
## Selected Validation Data



HT-1080 cells were subjected to SDS PAGE followed by western blot with 15151-1-AP (PIGK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15151-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15151-1-AP (PIGK antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 15151-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15151-1-AP (PIGK antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 15151-1-PBS in a different storage buffer formulation.