

For Research Use Only

# PITPNM2/NIR3 Polyclonal antibody, PBS Only

Catalog Number: 21169-1-PBS



## Basic Information

Catalog Number:

21169-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15385

GenBank Accession Number:

BC141813

GeneID (NCBI):

57605

UNIPROT ID:

Q9BZ72

Full Name:

phosphatidylinositol transfer protein,  
membrane-associated 2

Calculated MW:

1349 aa, 149 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

PITPNM2, also known as NIR3, belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the *Drosophila* retinal degeneration B (rdgB) protein (PMID: 15627748). PITPNM2/NIR3 promotes both TCR  $\beta$  selection and positive selection in thymocytes. PITPNM2/NIR3 is required for PIP2 replenishment and TCR-induced calcium signaling in response to weak TCR stimulation (PMID: 36581712).

## Storage

Storage:

Store at  $-80^{\circ}\text{C}$ .

**The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$**

Storage Buffer:

PBS only, pH7.3

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

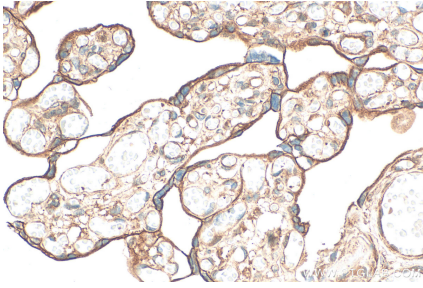
T: 4006900926

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

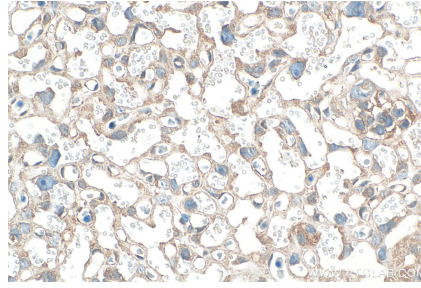
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21169-1-AP (PITPNM2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21169-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse placenta tissue slide using 21169-1-AP (PITPNM2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21169-1-PBS in a different storage buffer formulation.