

For Research Use Only

# PXK Polyclonal antibody, PBS Only

Catalog Number:16315-1-PBS



## Basic Information

Catalog Number:

16315-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9362

GenBank Accession Number:

BC014479

GeneID (NCBI):

54899

UNIPROT ID:

Q7Z7A4

Full Name:

PX domain containing  
serine/threonine kinase

Calculated MW:

450aa,52 kDa; 578aa,65 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

PXK is part of the sorting nexin (SNX) family of proteins, which are important for receptor internalization, organelle trafficking including endosomal trafficking, and other membrane-centric sorting functions. This is accomplished primarily through the PX-domain mediated binding of PI3P. PXK was first identified and cloned by two independent groups in 2005. Initial studies established that PXK is detectable in most tissues with a primarily cytoplasmic distribution. (PMID: 25620976)

## 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:

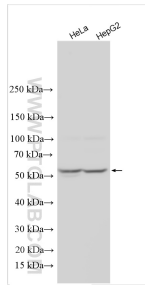
T: 4006900926

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

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

**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 16315-1-AP (PKK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16315-1-PBS in a different storage buffer formulation.