

For Research Use Only

# PXK Polyclonal antibody

Catalog Number: 16315-1-AP



## Basic Information

Catalog Number:

16315-1-AP

Size:

300 ug/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

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

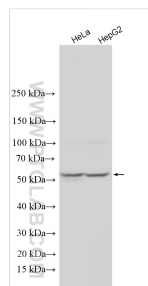
T: 4006900926

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16315-1-AP (PDK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.