

For Research Use Only

# PXK Polyclonal antibody

Catalog Number: 16315-1-AP



## Basic Information

**Catalog Number:**

16315-1-AP

**Size:**

150ul, Concentration: 300 ug/ml by Nanodrop;

**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

\*\*\* 20ul sizes contain 0.1% BSA

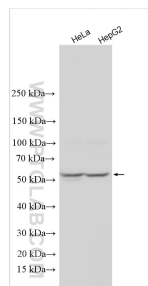
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## Selected Validation Data



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.