

For Research Use Only

# PXK Polyclonal antibody, PBS Only

Catalog Number: 16315-1-PBS



## Basic Information

**Catalog Number:**

16315-1-PBS

**Size:**

100ug, Concentration: 1 mg/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

## 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.

**Storage Buffer:**

PBS Only

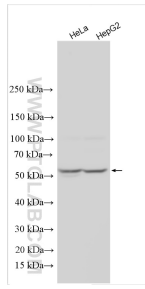
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## Selected Validation Data



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. This data was developed using the same antibody clone with 16315-1-PBS in a different storage buffer formulation.