

For Research Use Only

# PEX11A Polyclonal antibody

Catalog Number: 15481-1-AP



## Basic Information

### Catalog Number:

15481-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7797

### GenBank Accession Number:

BC009697

### GeneID (NCBI):

8800

### UNIPROT ID:

O75192

### Full Name:

peroxisomal biogenesis factor 11 alpha

### Calculated MW:

28 kDa

### Observed MW:

28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

WB : mouse kidney tissue,

## Background Information

Peroxisomes are ubiquitous organelles bound by a single membrane. Peroxisomal biogenesis factor 11 alpha (PEX11A) is one of PEX11 gene family members involved in peroxisome elongation. PEX11A is highly expressed in the kidney and liver (PMID: 25113963). PEX11A deficiency will impair peroxisome elongation, leading to the reduction of functional peroxisome, eventually leading to the reduction of fatty acid oxidation capacity and the formation of steatosis (PMID: 23169785; PMID: 25113963)

## 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

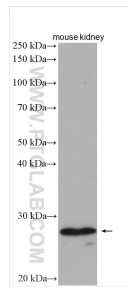
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 15481-1-AP (PEX11A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.