

For Research Use Only

# PEX11A Polyclonal antibody

Catalog Number: 15481-1-AP



## Basic Information

<b>Catalog Number:</b> 15481-1-AP	<b>GenBank Accession Number:</b> BC009697	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8800	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> peroxisomal biogenesis factor 11 alpha	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 28 kDa	
<b>Immunogen Catalog Number:</b> AG7797	<b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse kidney tissue,
<b>Species Specificity:</b> human, mouse	

## 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

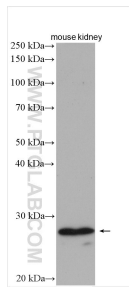
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

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