

For Research Use Only

PEX11A Polyclonal antibody

Catalog Number: 15481-1-AP



Basic Information

Catalog Number:

15481-1-AP

Size:

600 µg/ml

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

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

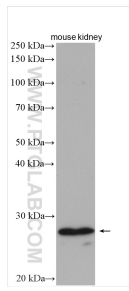
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.