

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:

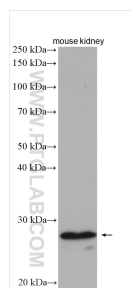
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.