

For Research Use Only

PAOX Polyclonal antibody, PBS Only

Catalog Number:18972-1-PBS



Basic Information

Catalog Number:

18972-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5777

GenBank Accession Number:

BC032778

GeneID (NCBI):

196743

UNIPROT ID:

Q6QHF9

Full Name:

polyamine oxidase (exo-N4-amino)

Calculated MW:

511 aa, 56 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PAOX, also known as PAO, belongs to the flavin monoamine oxidase family. PAOX is a FAD-dependent amine oxidase, which is constitutively expressed in nearly all tissues of the vertebrate organism. PAOX catalyzes the oxidation of N1-acetylspermine to spermidine and thus involved in the polyamine back-conversion. PAOX can also oxidize N1-acetylspermidine to putrescine. PAOX has 4 isoforms with the molecular weights of 7, 35, 52 and 56 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

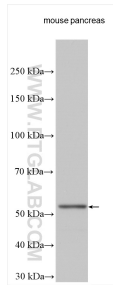
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 18972-1-AP (PAOX antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18972-1-PBS in a different storage buffer formulation.