

For Research Use Only

PET117 Polyclonal antibody, PBS Only

Catalog Number: 31066-1-PBS



Basic Information

Catalog Number:

31066-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34525

GenBank Accession Number:

NX_Q6UWS5

GeneID (NCBI):

100303755

UNIPROT ID:

Q6UWS5

Full Name:

Protein PET117 homolog,
mitochondrial

Calculated MW:

81aa, 9 kDa

Observed MW:

10kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

PET117 is a chaperone protein involved in complex IV assembly that plays a role in the regulation of mitochondria-encoded cytochrome c oxidase 1 (COX1) protein synthesis in human cells (PMID: 37247699).

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:

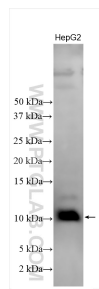
T: 4006900926

E: Proteintech-CN@ptglab.com

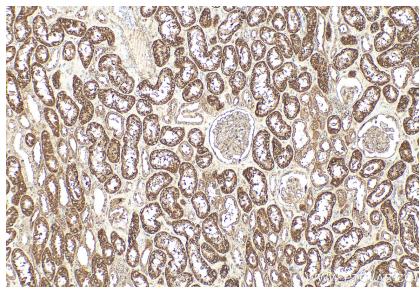
W: ptgcn.com

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

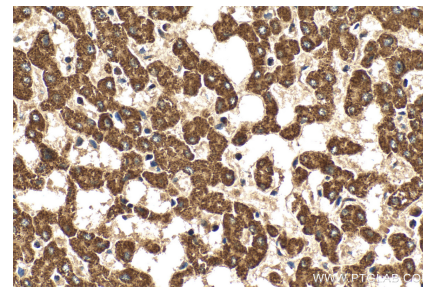
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 31066-1-AP (PET117 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31066-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 31066-1-AP (PET117 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31066-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 31066-1-AP (PET117 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31066-1-PBS in a different storage buffer formulation.