

For Research Use Only

PET117 Polyclonal antibody, PBS Only

Catalog Number: 31066-1-PBS



Basic Information

Catalog Number:

31066-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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, 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.

Storage Buffer:

PBS only, pH7.3

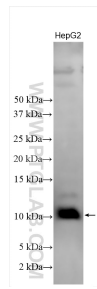
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

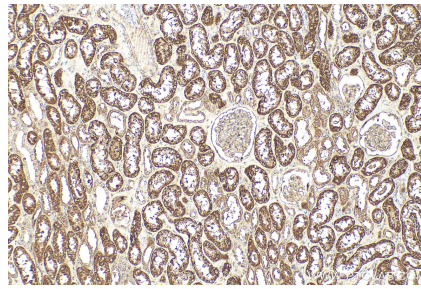
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W: ptglab.com

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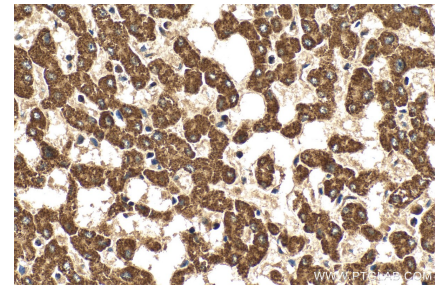
Selected Validation Data



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.