

For Research Use Only

Exportin 4 Polyclonal antibody, PBS Only

Catalog Number: 25373-1-PBS

Featured Product



Basic Information

Catalog Number:

25373-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21845

GenBank Accession Number:

BC113571

GeneID (NCBI):

64328

UNIPROT ID:

Q9C0E2

Full Name:

exportin 4

Calculated MW:

1151 aa, 130 kDa

Observed MW:

127 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

exportin 4 (XPO4) maps to chromosome 13q and belongs to the importin β family which acts as a bidirectional nuclear transport receptor. Decreased XPO4 expression has been shown to associate with hepatocellular carcinoma. A genome-wide copy number variation (CNV) association study in a small cohort of Malaysian subjects identified a CNV in XPO4 to be correlated with the progression of metabolic (dysfunction) associated fatty liver disease (MAFLD). (PMID: 34388518)

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:

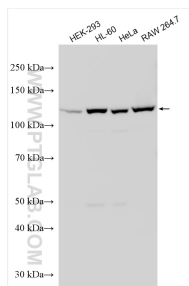
T: 4006900926

E: Proteintech-CN@ptglab.com

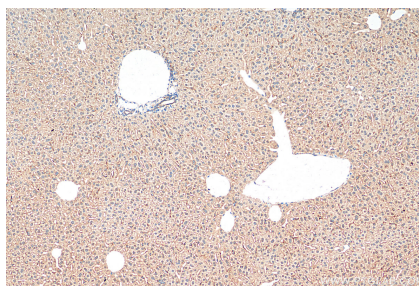
W: ptgcn.com

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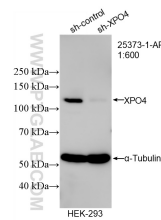
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25373-1-AP (Exportin 4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25373-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 25373-1-AP (Exportin 4 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 25373-1-PBS in a different storage buffer formulation.



WB result of Exportin 4 antibody (25373-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-Exportin 4 transfected HEK-293 cells. This data was developed using the same antibody clone with 25373-1-PBS in a different storage buffer formulation.