

For Research Use Only

Exportin 4 Recombinant antibody, PBS Only

Catalog Number: 84449-1-PBS



Basic Information

Catalog Number:

84449-1-PBS

Size:

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

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:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

241443A5

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), 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.

Storage Buffer:

PBS only, pH7.3

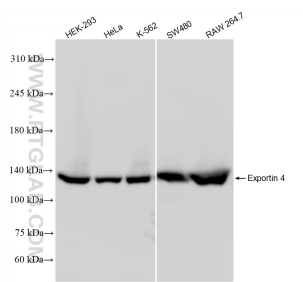
For technical support and original validation data for this product please contact:

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

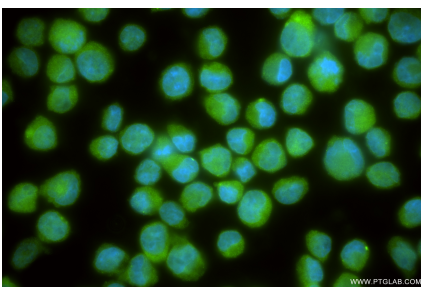
E: proteintech@ptglab.com
W: ptglab.com

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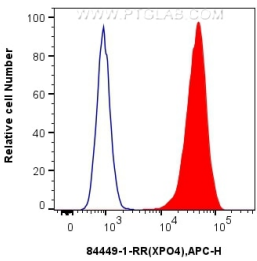
Selected Validation Data



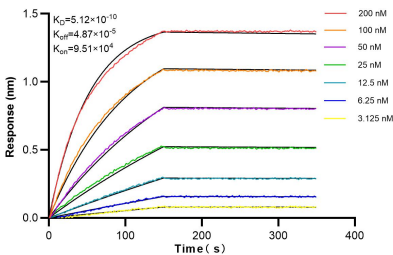
Various lysates were subjected to SDS PAGE followed by western blot with 84449-1-RR (XPO4 antibody) at dilution of 1:8500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84449-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using Exportin 4 antibody (84449-1-RR, Clone: 241443A5) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84449-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Exportin 4 Recombinant antibody (84449-1-RR, Clone:241443A5) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 84449-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84449-1-RR against Human Exportin 4 were performed. The affinity constant is 0.512 nM.