

For Research Use Only

Exportin 4 Recombinant antibody

Catalog Number: 84449-1-RR



Basic Information

Catalog Number: 84449-1-RR	GenBank Accession Number: BC113571	Purification Method: Protein A purification
Size: 100ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 64328	CloneNo.: 241443A5
Source: Rabbit	UNIPROT ID: Q9C0E2	Recommended Dilutions: WB 1:2000-1:17000
Isotype: IgG	Full Name: exportin 4	
Immunogen Catalog Number: AG21845	Calculated MW: 1151 aa, 130 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, K-562 cells, SW480 cells, RAW 264.7 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

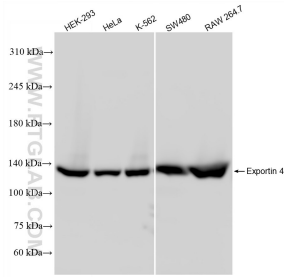
For technical support and original validation data for this product please contact:

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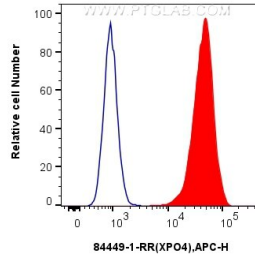
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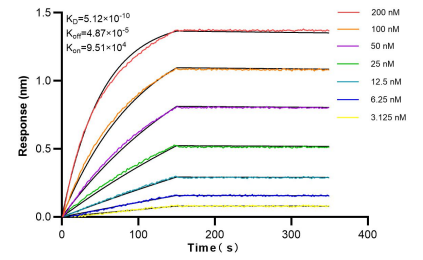
Selected Validation Data



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.



1×10^6 HeLa cells were intracellularly stained with 0.25 μ g Exportin 4 Recombinant antibody (84449-1-RR, Clone:241443A5) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



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