

For Research Use Only

XPO6 Polyclonal antibody

Catalog Number: 11408-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

11408-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1898

GenBank Accession Number:

BC014071

GeneID (NCBI):

23214

UNIPROT ID:

Q96QU8

Full Name:

exportin 6

Calculated MW:

1125 aa, 129 kDa

Observed MW:

128 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, drosophila

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HeLa cells,

IP : HeLa cells,

IHC : human heart tissue, human kidney tissue, human ovary tissue, human placenta tissue, human skin tissue

Background Information

Human XPO6 gene encodes a Ran-binding protein 20, exportin-6, belonging to the exportin family. Exportin-6 shuttles between the nucleus and the cytoplasm and mediates the nuclear export of actin and profilin-actin complexes in somatic cells. Interaction of exportin-6 and actin is achieved in a RanGTP-dependent manner, actin is a major cytoskeletal element which is normally kept cytoplasmic by exportin-6 driven nuclear export.

Notable Publications

Author	Pubmed ID	Journal	Application
Ewan K S McRae	31653714	RNA	WB
Hugo Boruchowicz	32817212	J Virol	WB
Sergi Marco	34819513	Nat Commun	WB

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

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

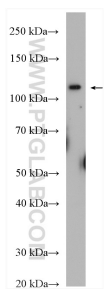
T: 4006900926

E: Proteintech-CN@ptglab.com

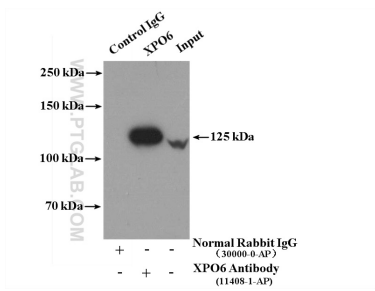
W: ptgcn.com

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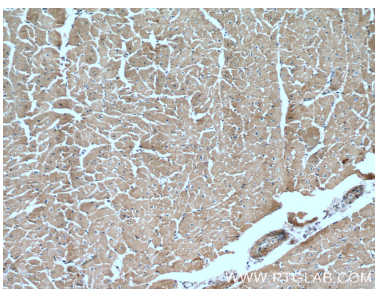
Selected Validation Data



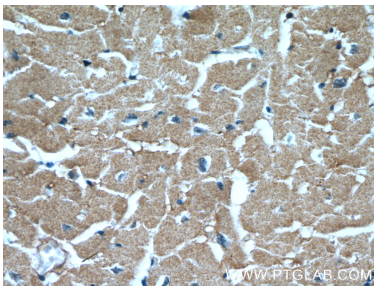
HeLa cells were subjected to SDS PAGE followed by western blot with 11408-1-AP (XPO6 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-XPO6 (IP:11408-1-AP, 4ug; Detection:11408-1-AP 1:300) with HeLa cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 11408-1-AP (XPO6 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 11408-1-AP (XPO6 Antibody) at dilution of 1:200 (under 40x lens).