

For Research Use Only

IPO8 Polyclonal antibody

Catalog Number: 32476-1-AP



Basic Information

Catalog Number:

32476-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35395

GenBank Accession Number:

BC167853

GeneID (NCBI):

10526

UNIPROT ID:

O15397

Full Name:

importin 8

Observed MW:

120-125 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Jurkat cells, K-562 cells, MDA-MB-231 cells, NIH/3T3 cells

Background Information

IPO8(Importin 8) is a gene encoding protein, which is located on human chromosome 12. It belongs to the nuclear protein transport family, and is mainly involved in the process of nuclear protein introduction. IPO8 regulates the transport function of nuclear pore complex by interacting with Ran GTPase and other proteins (PMID: 11682607). It is expected to be located in the cytoplasm and nucleus. IPO8 is associated with many diseases, including VISS syndrome and Loeys-Dietz syndrome. These diseases usually involve cardiovascular defects, skeletal abnormalities and immune loss. The molecular weight of PO8 protein is about 125kDa, and its structure includes helix and β - sheet. It has a specific three-dimensional structure and can form complexes with other protein.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

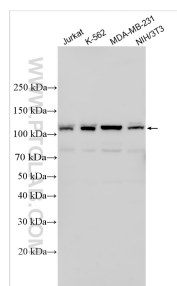
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32476-1-AP (IPO8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.