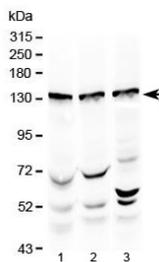


Exportin-5 Antibody (N-Terminal Region) (R32934)

Catalog No.	Formulation	Size
R32934	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q9HAV4
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Exportin-5 antibody is available for research use only.



Western blot testing of 1) rat testis, 2) mouse testis and 3) human HeLa lysate with Exportin-5 antibody at 0.5ug/ml. Predicted molecular weight ~136 kDa.

Description

Exportin-5 (XPO5) is a protein that in humans is encoded by the XPO5 gene. The International Radiation Hybrid Mapping Consortium mapped the XPO5 gene to chromosome 6. This gene encodes a member of the karyopherin family that is required for the transport of small RNAs and double-stranded RNA-binding proteins from the nucleus to the cytoplasm. The encoded protein translocates cargo through the nuclear pore complex in a RanGTP-dependent process.

Application Notes

Optimal dilution of the Exportin-5 antibody should be determined by the researcher.

Immunogen

Amino acids 2-43 (AMDQVNALCEQLVKAVTVMMDPNSTQRYRLEALKFCEEFKK) were used as the immunogen for the Exportin-5 antibody.

Storage

After reconstitution, the Exportin-5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.