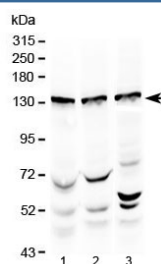


## Exportin-5 Antibody (N-Terminal Region) (R32934)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q9HAV4
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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 (AMDQVNALCEQLVKAVTVMMDPNSTQRYRLEALKFCEEFKKEK) 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.