

KPNA4

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 57kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human KPNA4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

QIP1; SRP3; IPOA3;

Catalog #: A2026

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3840

Isotype: IgG

Swiss Prot: O00629

Purity: Affinity purification

For research use only.

Background:

The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by this gene shares the sequence similarity with Xenopus importin-alpha and *Saccharomyces cerevisiae* Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen.

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