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KPNA6 Rabbit pAb

Catalog No.: A7363 3 Publications

Basic Information

Observed MW
60kDa

Calculated MW
60kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse

Background

Nucleocytoplasmic transport, a signal- and energy-dependent process, takes place through nuclear pore complexes embedded in the nuclear envelope. The import of proteins containing a nuclear localization signal (NLS) requires the NLS import receptor, a heterodimer of importin alpha and beta subunits also known as karyopherins. Importin alpha binds the NLS-containing cargo in the cytoplasm and importin beta docks the complex at the cytoplasmic side of the nuclear pore complex. In the presence of nucleoside triphosphates and the small GTP binding protein Ran, the complex moves into the nuclear pore complex and the importin subunits dissociate. Importin alpha enters the nucleoplasm with its passenger protein and importin beta remains at the pore. The protein encoded by this gene is a member of the importin alpha family.

Recommended Dilutions

WB	1:1000 - 1:5000

Immunogen Information

Gene ID
23633

Swiss Prot
O60684

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 277-536 of human KPNA6 (NP_036448.1).

Synonyms
IPOA7; KPNA6

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

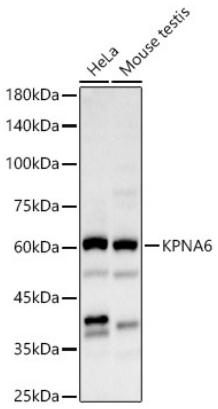
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

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

Validation Data



Western blot analysis of various lysates, using KPNA6 Rabbit pAb (A7363) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

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Please visit http://abclonal.com for a complete listing of recommended products.