

For Research Use Only

KPNA4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 82898-1-PBS

Featured Product



Basic Information

Catalog Number:

82898-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3133

GenBank Accession Number:

BC034493

GeneID (NCBI):

3840

UNIPROT ID:

O00629

Full Name:

karyopherin alpha 4 (importin alpha 3)

Calculated MW:

521 aa, 58 kDa

Observed MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

230098H3

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

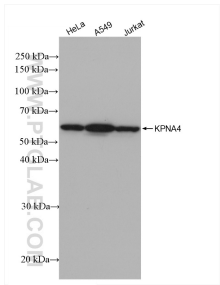
T: 4006900926

E: Proteintech-CN@ptglab.com

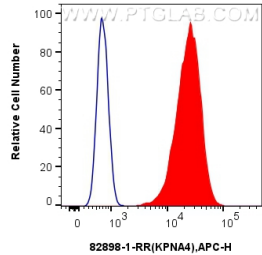
W: ptgcn.com

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

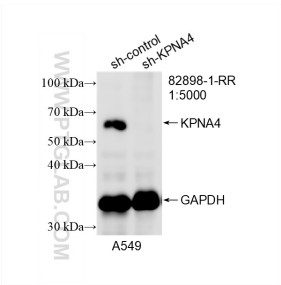
Selected Validation Data



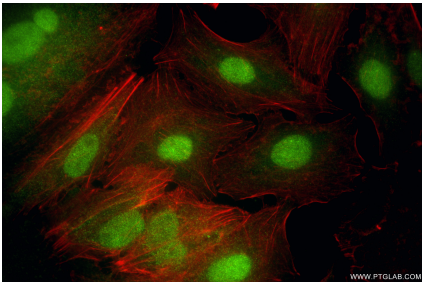
Various lysates were subjected to SDS PAGE followed by western blot with 82898-1-RR (KPNA4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82898-1-PBS in a different storage buffer formulation.



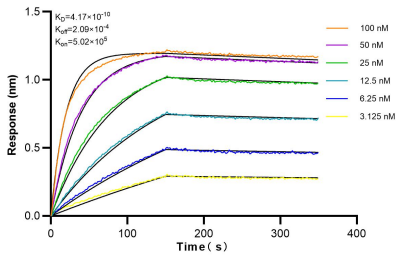
1x10⁶ HeLa cells were intracellularly stained with 0.13 ug Anti-Human KPNA4 (82898-1-RR, Clone:230098H3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.13 ug rabbit IgG isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 82898-1-PBS in a different storage buffer formulation.



WB result of KPNA4 antibody (82898-1-RR; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KPNA4 transfected A549 cells. This data was developed using the same antibody clone with 82898-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using KPNA4 antibody (82898-1-RR, Clone: 230098H3) at dilution of 1:1000 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82898-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82898-1-RR against Human KPNA4 were performed. The affinity constant is 0.417 nM.