

Product Datasheet

Importin beta/KPNB1 Antibody NB100-40784

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-40784**Importin beta/KPNB1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

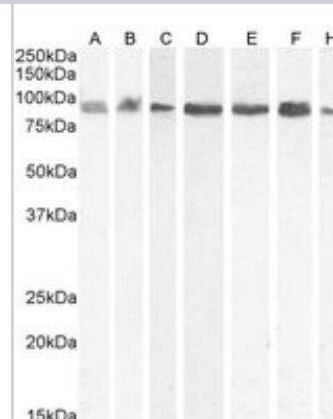
Product Description	
Host	Goat
Gene ID	3837
Gene Symbol	KPNB1
Species	Human, Rat
Reactivity Notes	Expected from sequence similarity: Mouse, Canine, Bovine
Immunogen	Peptide with sequence C-RRSKTNKAKTLAT corresponding to C-Terminus according to NP_002256.2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.1 ug/mL, Flow Cytometry 10 ug/mL, Immunohistochemistry 5 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:32000

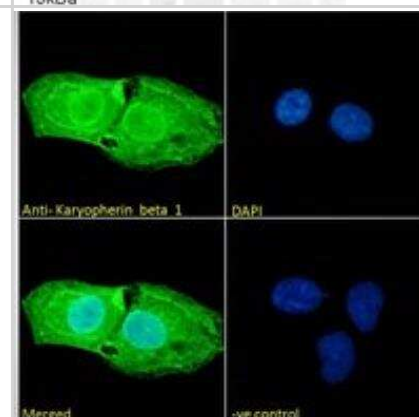


Images

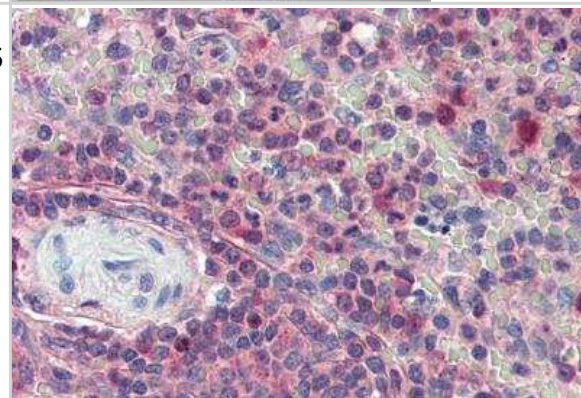
Western Blot: Importin beta/KPNB1 Antibody [NB100-40784] - Staining of A431 (A), HEK293 (B), Jurkat (C) cell lysates with antibody at 0.03 ug/mL, Daudi (D), HeLa (E) cell lysates with antibody at 0.01 ug/mL, and Kelly (F) and KNRK (G) cell lysate with antibody at 0.1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



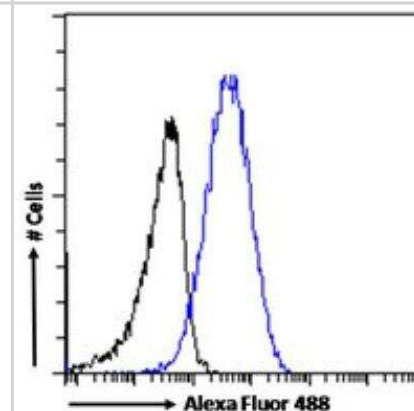
Immunocytochemistry/Immunofluorescence: Importin beta/KPNB1 Antibody [NB100-40784] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear membrane, nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunohistochemistry-Paraffin: Importin beta/KPNB1 Antibody [NB100-40784] - Staining of paraffin embedded Human Spleen with antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: Importin beta/KPNB1 Antibody [NB100-40784] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Caudron M, Bunt G, Bastiaens P, Karsenti E. Spatial coordination of spindle assembly by chromosome-mediated signaling gradients. Science 2005-08-26 [PMID: 16123300]



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Products Related to NB100-40784

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-78815-50ug	Recombinant Human Importin beta/KPNB1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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