

Product Datasheet

Importin alpha 2/KPNA2 Antibody - BSA Free NBP1-31098

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-31098

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Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris-Glycine (pH7), 10% Glycerol
Target Molecular Weight	58 kDa

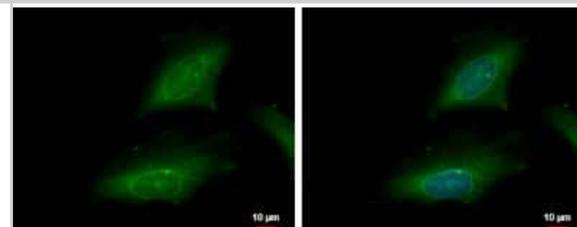
Product Description	
Host	Rabbit
Gene ID	3838
Gene Symbol	KPNA2
Species	Human
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Importin alpha 2/KPNA2. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

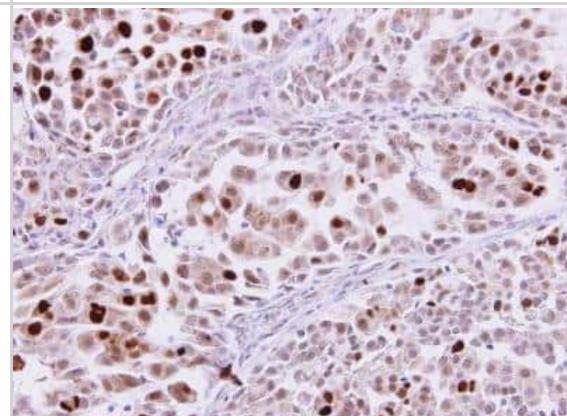


Images

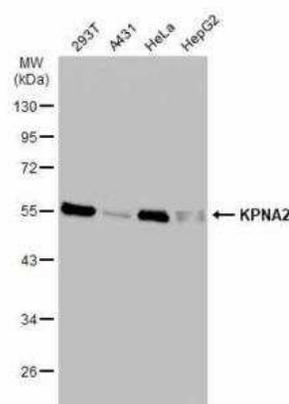
Immunocytochemistry/Immunofluorescence: Importin alpha 2/KPNA2 Antibody [NBP1-31098] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: karyopherin alpha 2 protein stained by karyopherin alpha 2 antibody [C3], C-term diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 um.



Immunohistochemistry-Paraffin: Importin alpha 2/KPNA2 Antibody [NBP1-31098] - Human lung adenocarcinoma. karyopherin alpha 2 antibody [C3], C-term diluted at 1:250. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Importin alpha 2/KPNA2 Antibody [NBP1-31098] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with KPNA2 antibody [C3], C-term diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



Publications

Kenta Tsuchiya, Hisato Hayashi, Momoko Nishina, Masako Okumura, Yoshikatsu Sato, Masato T Kanemaki, Gohta Goshima, Tomomi Kiyomitsu Ran-GTP Is Non-essential to Activate NuMA for Mitotic Spindle-Pole Focusing but Dynamically Polarizes HURP Near Chromosomes. *Current biology* : CB 2021-08-31 [PMID: 33186548]

Sun CY, van Koningsbruggen S, Long SW et al. Facioscapulohumeral muscular dystrophy region gene 1 is a dynamic RNA-associated and actin-bundling protein. *J Mol Biol* 2011-08-01 [PMID: 21699900] (WB, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-31098

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-78888-50ug	Recombinant Human Importin alpha 2/KPNA2 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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