

# 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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### Publications: 2

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**NBP1-31098**

Importin alpha 2/KPNA2 Antibody - BSA Free

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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Importin alpha 2/KPNA2 Antibody - BSA Free (NBP1-31098) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Importin alpha 2/KPNA2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3838
<b>Gene Symbol</b>	KPNA2
<b>Species</b>	Human
<b>Immunogen</b>	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	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

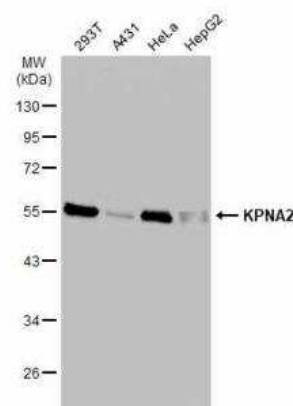


## Images

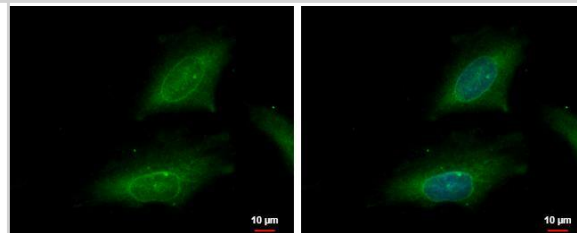
Immunohistochemistry-Paraffin: Importin alpha 2/KPNA2 Antibody [NBP1-31098] - Human lung adenocarcinoma. karyopherin alpha 2 antibody [C3], C-term diluted at 1:250. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



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 was used to detect the primary antibody.



karyopherin alpha 2 antibody [C3], C-term detects karyopherin alpha 2 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: 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 (NBP1-31098) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



## 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)



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### **Products Related to NBP1-31098**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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