

# Product Datasheet

## Importin beta/KPNB1 Antibody - BSA Free NB100-79806

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-79806**

Importin beta/KPNB1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

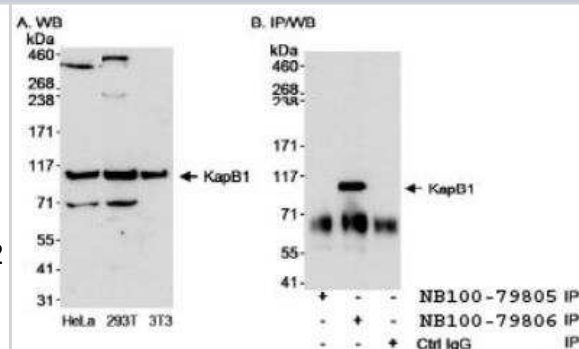
<b>Host</b>	Rabbit
<b>Gene ID</b>	3837
<b>Gene Symbol</b>	KPNB1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 825 and the C-terminus (residue 876) of human Karyopherin (importin) beta 1 using the numbering given in entry NP_002256.2 (GeneID 3837).

**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:5000-1:15000, Immunoprecipitation 2-5 ug/mg lysate

**Images**

Western Blot: Importin beta/KPNB1 Antibody [NB100-79806] - Importin beta Antibody [NB100-79806] - Detection of KapB1 by Western Blot and Immunoprecipitation. Samples: A. Whole cell lysate (50 mcg) from HeLa, 293T and mouse 3T3 cells. B. Whole cell lysate (1 mg for IP, 1/4 of IP loaded/lane) from HeLa cells. Antibodies: Affinity purified rabbit anti-KapB1 antibody BL1964 (Cat. No. NB100-79806) used at 0.1 mcg/ml for WB (A and B) and at 3 mcg/mg lysate for IP (B). Immunoprecipitation of KapB1 was unsuccessful when using rabbit anti-KapB1 antibody BL1962 (Cat. No. NB100-79805) at 3 mcg/mg lysate. Detection: Chemiluminescence with an exposure time of 30 seconds (A and B).

**Publications**

Kim DY, Sub YJ, Kim HY et al. LRRC6 regulates biogenesis of motile cilia by aiding FOXJ1 translocation into the nucleus Cell communication and signaling : CCS 2023-06-16 [PMID: 37328841] (Immunoprecipitation)



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### **Products Related to NB100-79806**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-78815-50ug	Recombinant Human Importin beta/KPNB1 His Protein

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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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