# antibodies -online.com







# anti-KPNB1 antibody (C-Term)



**Images** 



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Quantity:	100 μg
Target:	KPNB1
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This KPNB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

#### **Product Details**

Purpose:	Karyopherin (importin) beta 1
Immunogen:	Peptide with sequence C-RRSKTNKAKTLAT, from the C Terminus of the protein sequence according to NP_002256.2.
Sequence:	RRSKTNKAKT LAT
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

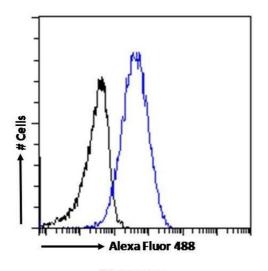
## **Target Details**

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Target:	KPNB1	
Alternative Name:	KPNB1 (KPNB1 Products)	
Background:	KPNB1, karyopherin (importin) beta 1, HGNC:6400, IMB1, IPOB, Impnb, MGC2155, MGC2156, MGC2157, NTF97, importin 90, importin beta-1 subunit, karyopherin beta 1, nuclear factor p97 KapB1, IPO1	
Gene ID:	3837, 16211, 24917	
NCBI Accession:	NP_002256	
Pathways:	Protein targeting to Nucleus	
Application Details		
Application Notes:	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5 µ g/mL.	
	Western Blot: Approx 90-95- kDa band observed in lysates of cell lines A431, Daudi, HEK293,	
	HeLa, Jurkat, Kelly and KNRK (calculated MW of 97.2 kDa according to Human NP_002256.2	
	and Rat NP_058759.2). Recommended concentration: 0.01-0.1 µg/mL. Primary incu Peptide ELISA: antibody detection limit dilution 1:32000.	
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Comment:	Immunofluorescence: Strong expression of the protein seen in U2OS cells. Recommended	
	concentration: 10µg/ml.  Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration:	
	10ug/ml.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.	
Preservative:	Sodium azide	
	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
Precaution of Use:	·	
Precaution of Use:	should be handled by trained staff only.	

### Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.

#### **Images**



#### **Flow Cytometry**

Image 1. (ABIN185516) Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 μg/mL) followed by Alexa Fluor 488 secondary antibody (1 μg/mL). IgG control: Unimmunized goat IgG (black line) fol

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

25kDa

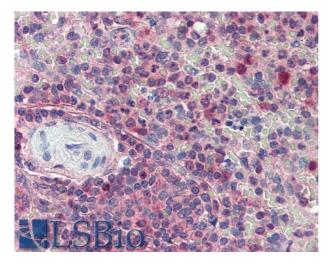
20kDa

15kDa

10kDa

#### **Western Blotting**

**Image 2.** ABIN185516 (0.03μg/ml) staining of Daudi cell lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



#### **Immunohistochemistry**

**Image 3.** ABIN185516 ( $5\mu g/ml$ ) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 5 images are available for ABIN185516.