

小鼠抗 KPNB1 单克隆抗体

- 中文名称： 小鼠抗 KPNB1 单克隆抗体
- 英文名称： Anti-KPNB1 mouse monoclonal antibody
- 别名： karyopherin subunit beta 1; IMB1; IPO1; IPOB; Impnb; NTF97
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： KPNB1
- 反应种属： Human, Rat, Mouse
- 标记物： Unconjugate
- 克隆类型： mouse monoclonal

技术规格

Background:

Nucleocytoplasmic transport, a signal- and energy-dependent process, takes place through nuclear pore complexes embedded in the nuclear envelope. The import of proteins containing a nuclear localization signal (NLS) requires the NLS import receptor, a heterodimer of importin alpha and beta subunits also known as karyopherins. Importin alpha binds the NLS-containing cargo in the cytoplasm and importin beta docks the complex at the cytoplasmic side of the nuclear pore complex. In the presence of nucleoside triphosphates and the small GTP binding protein Ran, the complex moves into the nuclear pore complex and the importin subunits dissociate. Importin alpha enters the nucleoplasm with its passenger protein and importin beta remains at the pore. Interactions between importin beta and the FG repeats of nucleoporins

	are essential in translocation through the pore complex. The protein encoded by this gene is a member of the importin beta family. Two transcript variants encoding different isoforms have been found for this gene.
Applications:	WB, IHC
Name of antibody:	KPNB1
Immunogen:	Fusion protein of human KPNB1
Full name:	karyopherin subunit beta 1
Synonyms:	IMB1; IPO1; IPOB; Impnb; NTF97
SwissProt:	Q14974
IHC positive control:	Human adult heart tissue
IHC Recommend dilution:	500-2000
WB Predicted band size:	97 KD
WB Positive control:	Hela, A431, NIH/3T3, PC12 cell lysates
WB Recommended dilution:	500-2000