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Datasheet for ABIN5007907

## anti-KPNB1 antibody (AA 165-270) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	KPNB1
Binding Specificity:	AA 165-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KPNB1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NTF97/KPNB1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Horse, Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	KPNB1
Alternative Name:	NTF97/KPNB1 ( <a href="#">KPNB1 Products</a> )
Background:	Synonyms: IMB 1, IMB1, Impnb, Importin 90, Importin beta 1, Importin beta 1 subunit, IPOB,

## Target Details

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Karyopherin beta 1, Karyopherin beta 1 subunit, KPNB 1, KPNB1, MGC2155, MGC2156, MGC2157, NTF 97, NTF97, Nuclear factor p97, IMB1\_HUMAN.

Background: NTF97 is involved in nuclear protein import, either by associating itself with an adapter protein (for example, importin-alpha subunit which binds to nuclear localization signals (NLS) in cargo substrates), or by acting autonomously as a nuclear transport receptor (serves as NLS receptor, docking of the importin/substrate complex to the nuclear pore complex).

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Gene ID: 3837

Pathways: [Protein targeting to Nucleus](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months