

Product Datasheet

Karyopherin (importin) beta 3 Antibody (1C4) - Azide and BSA Free H00003843-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00003843-M01

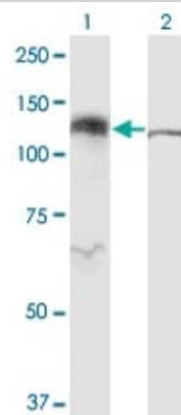
Karyopherin (importin) beta 3 Antibody (1C4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3843
Gene Symbol	IPO5
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	RANBP5 - RAN binding protein 5
Immunogen	RANBP5 (AAH01497, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAAAAAEQQQFYLLLGNLLSPDNVVRKQAEETYENIPGQSKITFLLQAIRNTTA AEEARQMAAVLLRLLSSAFDEVYPALPSDVQTAIKSELLMIQME
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

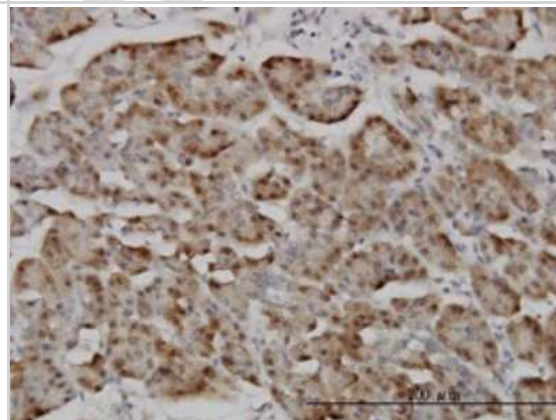


Images

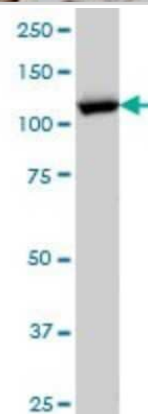
Western Blot: Karyopherin (importin) beta 3 Antibody (1C4) [H00003843-M01] - Analysis of IPO5 expression in transfected 293T cell line by RANBP5 monoclonal antibody (M01), clone 1C4. Lane 1: IPO5 transfected lysate (Predicted MW: 125.6 KDa). Lane 2: Non-transfected lysate.



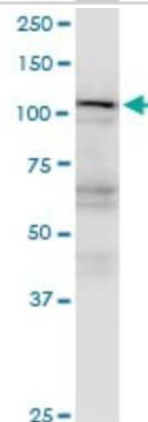
Immunohistochemistry-Paraffin: Karyopherin (importin) beta 3 Antibody (1C4) [H00003843-M01] - Analysis of monoclonal antibody to RANBP5 on formalin-fixed paraffin-embedded human pancreas. Antibody concentration 3 ug/ml.



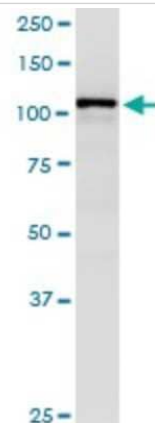
Western Blot: Karyopherin (importin) beta 3 Antibody (1C4) [H00003843-M01] - RANBP5 monoclonal antibody (M01), clone 1C4 Analysis of RANBP5 expression in HeLa.



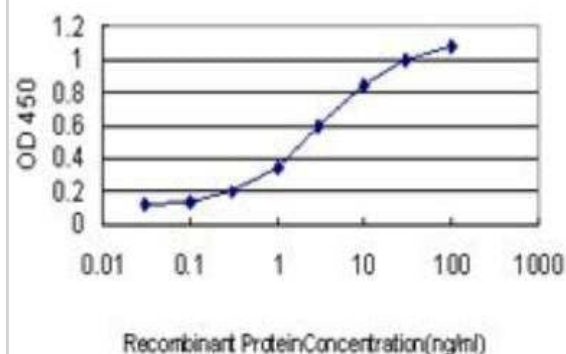
Western Blot: Karyopherin (importin) beta 3 Antibody (1C4) [H00003843-M01] - RANBP5 monoclonal antibody (M01), clone 1C4. Analysis of IPO5 expression in PC-12.



Western Blot: Karyopherin (importin) beta 3 Antibody (1C4) [H00003843-M01] - RANBP5 monoclonal antibody (M01), clone 1C4. Analysis of IPO5 expression in Raw 264.7.



ELISA: Karyopherin (importin) beta 3 Antibody (1C4) [H00003843-M01] - Detection limit for recombinant GST tagged RANBP5 is approximately 0.03ng/ml as a capture antibody.



Publications

Song S, Lee JJ, Kim HJ et al. Fas-Associated Factor 1 Negatively Regulates Antiviral Immune Response by Inhibiting Translocation of IRF3 to the Nucleus. *Mol Cell Biol* 2016-01-25 [PMID: 26811330]

Hurd TW, Fan S, Margolis BL. Localization of retinitis pigmentosa 2 to cilia is regulated by Importin {beta}2. *J Cell Sci.* 2011-02-01 [PMID: 21285245]



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Products Related to H00003843-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-38795PEP	Karyopherin (importin) beta 3 Recombinant Protein Antigen

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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