

# Product Datasheet

## Importin-8 Antibody - BSA Free NBP2-24751

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-24751**

Importin-8 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

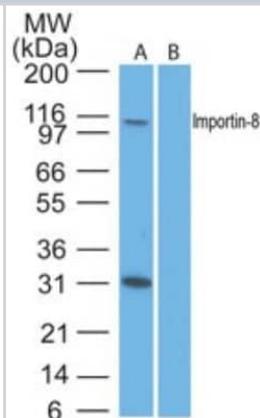
Product Description	
Host	Rabbit
Gene ID	10526
Gene Symbol	IPO8
Species	Human, Primate
Immunogen	A portion of amino acids 850-900 of human Importin-8 was used as immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:200-1:2000, Simple Western 1:20, Immunocytochemistry/ Immunofluorescence 1:20-1:2000, Immunoprecipitation reported in scientific literature (PMID 19131589)
Application Notes	Alternative initiation produces three different forms of this protein (approximately 47, 29 and 27 kD). In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in HeLa lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:10, apparent MW was 105 kDa.

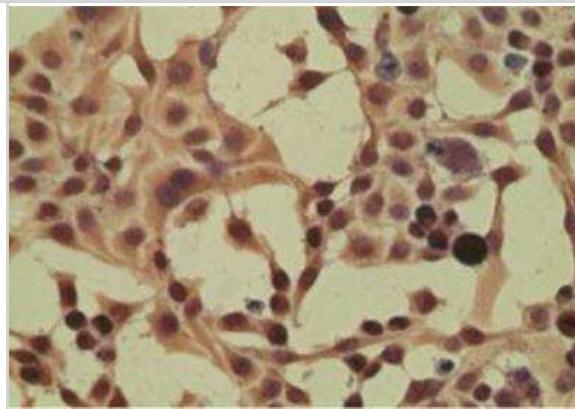


## Images

Western Blot: Importin-8 Antibody [NBP2-24751] - Analysis of Importin-8 in HeLa lysate in the 1) absence and 2) presence of immunizing peptide using Importin-8 antibody at 1 ug/ml.



Immunocytochemistry/Immunofluorescence: Importin-8 Antibody [NBP2-24751] - ICC staining of HeLa cells using Importin-8 antibody at 5 ug/ml.



Simple Western: Importin-8 Antibody [NBP2-24751] - Simple Western lane view shows a specific band for Importin-8 in 0.5 mg/ml of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



## Publications

Li, S;Song, Y;Quach, C;Guo, H;Jang, GB;Maazi, H;Zhao, S;Sands, NA;Liu, Q;In, GK;Peng, D;Yuan, W;Machida, K;Yu, M;Akbari, O;Hagiya, A;Yang, Y;Punj, V;Tang, L;Liang, C; Transcriptional regulation of autophagy-lysosomal function in BRAF-driven melanoma progression and chemoresistance Nat Commun 2019-04-12 [PMID: 30979895] (WB, Human)

Rushika M. Perera, Svetlana Stoykova, Brandon N. Nicolay et al. Transcriptional control of autophagy-lysosome function drives pancreatic cancer metabolism. Nature 2015-07-13 [PMID: 26168401] (ICC/IF, Human)

Wu F, Wang P, Young LC et al. Proteome-Wide Identification of Novel Binding Partners to the Oncogenic Fusion Gene Protein, NPM-ALK, using Tandem Affinity Purification and Mass Spectrometry. Am J Pathol 2009-01-08 [PMID: 19131589] (IP)



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### **Products Related to NBP2-24751**

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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
NBP1-87878PEP	Importin-8 Recombinant Protein Antigen

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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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