

# Product Datasheet

## Transportin 1 Antibody (D45) - Azide and BSA Free NBP2-80991

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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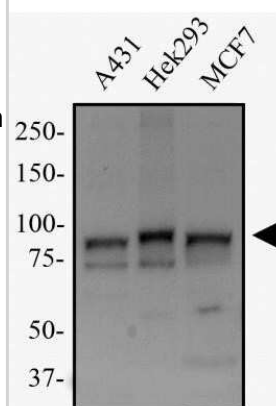
**NBP2-80991****Transportin 1 Antibody (D45) - Azide and BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	D45
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Transportin 1 Antibody (D45) - Azide and BSA Free (NB600-1397) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3842
<b>Gene Symbol</b>	TNPO1
<b>Species</b>	Human, Mouse, Bovine, Canine, Monkey, Rabbit
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 15738418).
<b>Immunogen</b>	Human recombinant His-tagged Transportin 1. [UniProt# Q92973]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Microarray, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 9298975), Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:200-1:1000. Use reported in scientific literature (PMID 24647604), Microarray, Flow (Intracellular), CyTOF-ready
<b>Application Notes</b>	WB: Detects a band of approximately 93 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors. This antibody is CyTOF ready.

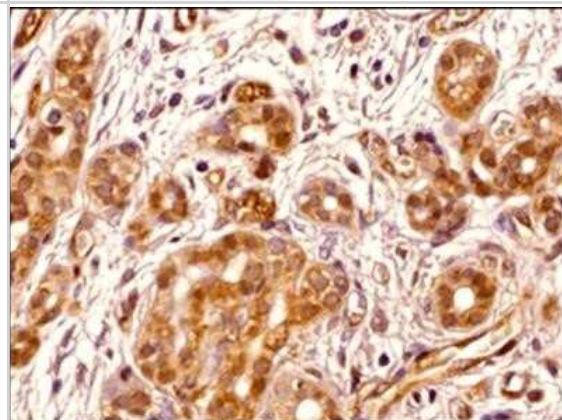


## Images

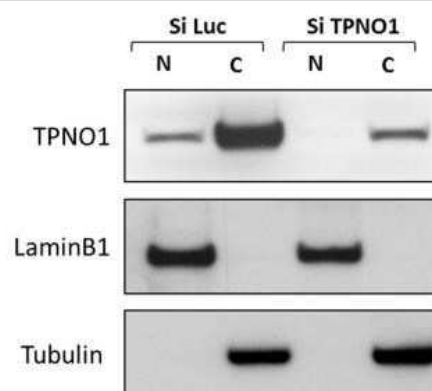
**Western Blot: Transportin 1 Antibody (D45) - Azide and BSA Free [NBP2-80991]** - Whole cell protein from A431, Hek293 and MCF7 cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 ug/ml anti-Transportin 1 (D45) in 1% milk, and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



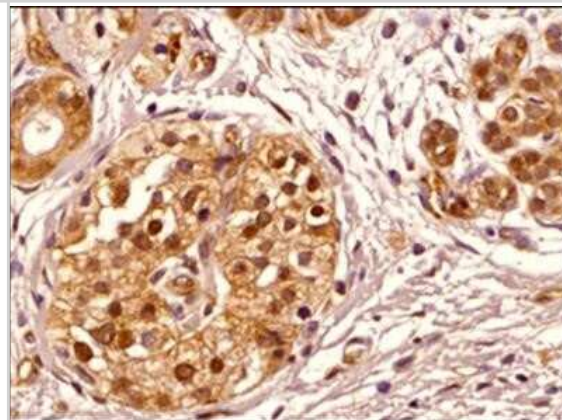
**Immunohistochemistry-Paraffin: Transportin 1 Antibody (D45) - Azide and BSA Free [NBP2-80991]** - IHC analysis of a formalin fixed paraffin embedded tissue section of human pancreas using Transportin 1 antibody (clone D45) at 1:200 dilution. The antibody generated specific nuclear and cytoplasmic signal of Transportin 1 protein in the glandular cells



**Western Blot: Transportin 1 Antibody (D45) - Azide and BSA Free [NBP2-80991]** - Human lung cancer cell line usig lysates from HCC44 cell line. (N: Nuclear fraction, C: Cytoplasmic fraction). Image from verified customer review. Image from the standard format of this antibody.



**Immunohistochemistry-Paraffin: Transportin 1 Antibody (D45) - Azide and BSA Free [NBP2-80991]** - IHC analysis of a formalin fixed paraffin embedded tissue section of human pancreas using Transportin 1 antibody (clone D45) at 1:200 dilution. The antibody generated specific nuclear and cytoplasmic signal of Transportin 1 protein in the glandular cells





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### **Products Related to NBP2-80991**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003842-Q01-10ug	Recombinant Human Transportin 1 GST (N-Term) Protein

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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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