

# Product Datasheet

## TfR (Transferrin R) Antibody - BSA Free NBP1-85741

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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### Publications: 3

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**NBP1-85741**

TfR (Transferrin R) Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

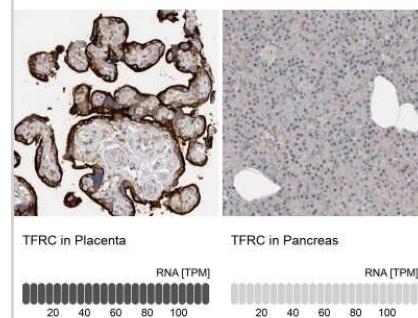
Product Description	
<b>Description</b>	Novus Biologicals Rabbit TfR (Transferrin R) Antibody - BSA Free (NBP1-85741) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TfR (Transferrin R) Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7037
<b>Gene Symbol</b>	TFRC
<b>Species</b>	Human
<b>Marker</b>	Recycling Endosome Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KTECERLAGTESPVREEPGEDFPAARRLYWDDLKRKLSEKLDSTDFTGTIKLLN ENSYVPREAGSQKDENLALYVENQFREFKLSKV

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

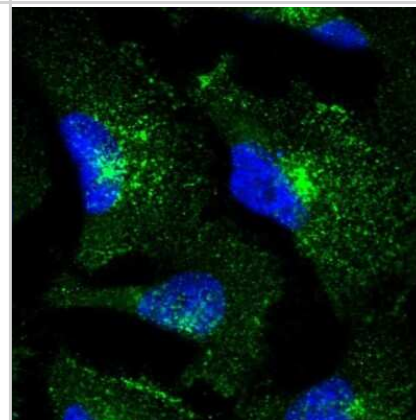


## Images

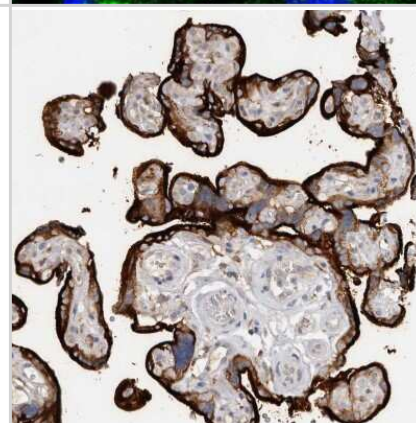
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Analysis in human placenta and pancreas tissues. Corresponding TfR (Transferrin R) RNA-seq data are presented for the same tissues.



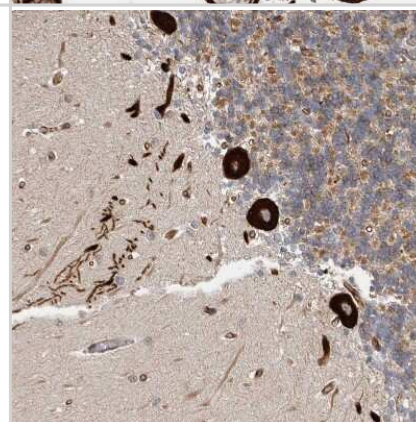
Immunocytochemistry/Immunofluorescence: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human cell line U-251 MG shows localization to endosomes and lysosomes. Antibody staining is shown in green.



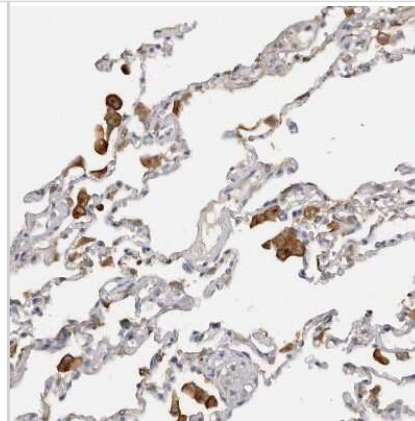
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



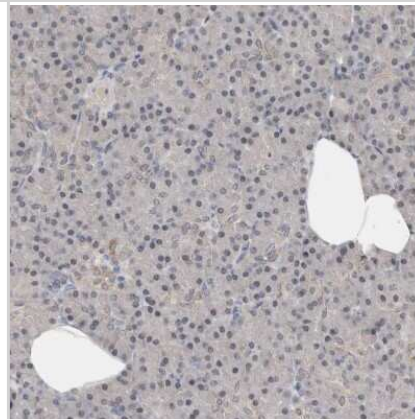
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



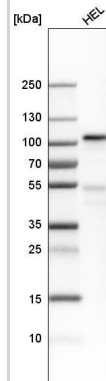
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human lung shows strong cytoplasmic positivity in macrophages.



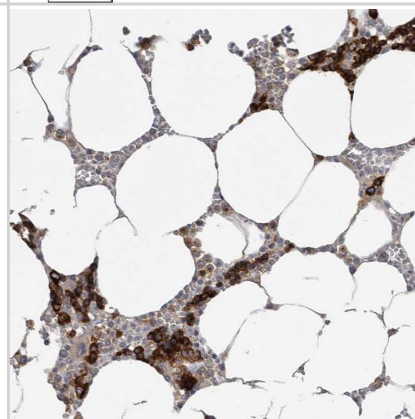
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Analysis in human cell line HEL.



Staining of human bone marrow shows strong cytoplasmic positivity in hematopoietic cells.



## Publications

Anatoli Y. Kabakov, Karim Roder, Peter Bronk, Nilüfer N. Turan, Saroj Dhakal, Mingwang Zhong, Yichun Lu, Zachary A. Zeltzer, Yonatan B. Najman-Licht, Alain Karma, Gideon Koren E3 ubiquitin ligase rififylin has yin and yang effects on rabbit cardiac transient outward potassium currents ( I to ) and corresponding channel proteins The Journal of Biological Chemistry 2024-02-15 [PMID: 38367666]

Ta H, Keller J, Haltmeier M et al. Mapping molecules in scanning far-field fluorescence nanoscopy. Nat Commun 2015-08-13 [PMID: 26269133] (WB, Human)

Lenarduzzi M, Hui AB, Yue S et al. Hemochromatosis Enhances Tumor Progression via Upregulation of Intracellular Iron in Head and Neck Cancer. PLoS One. 2013-08-26 [PMID: 23991213]





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### **Products Related to NBP1-85741**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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