

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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NBP1-85741

TfR (Transferrin R) Antibody - BSA Free

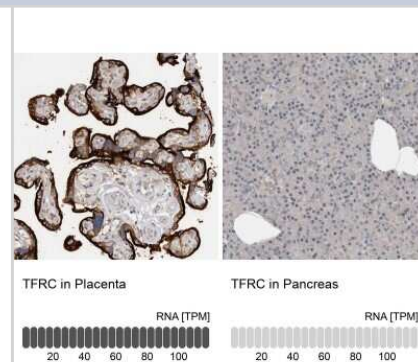
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	7037
Gene Symbol	TFRC
Species	Human
Marker	Recycling Endosome Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KTECERLAGTESPVREEPGEDFPAARRLYWDDLKRWLSEKLDSTDFGTIKLLN ENSYVPREAGSQKDENLALYVENQFREFKLSKV

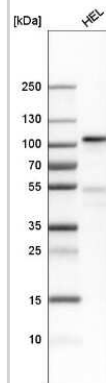
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

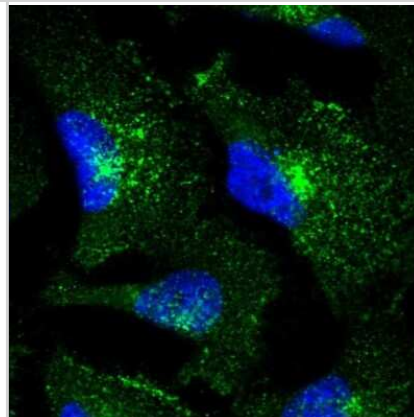
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Analysis in human placenta and pancreas tissues. Corresponding TfR (Transferrin R) RNA-seq data are presented for the same tissues.



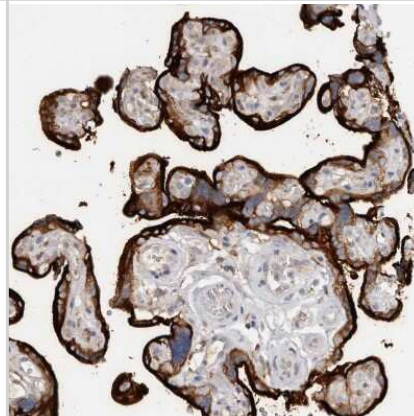
Western Blot: TfR (Transferrin R) Antibody [NBP1-85741] - Analysis in human cell line HELA.



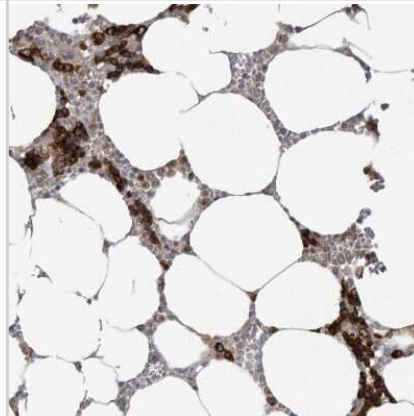
Immunocytochemistry/Immunofluorescence: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human cell line U-251 MG shows localization to endosomes and lysosomes. Antibody staining is shown in green.



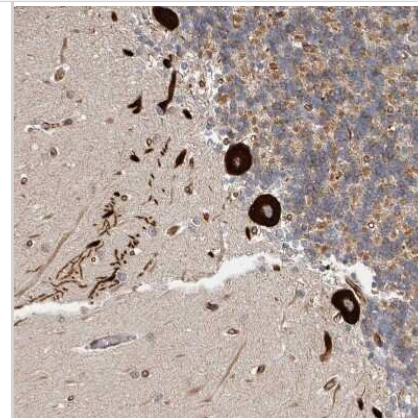
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



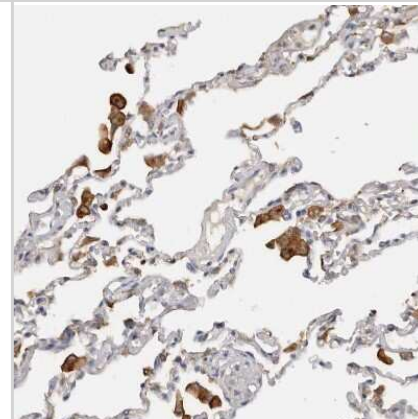
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human bone marrow shows high expression.



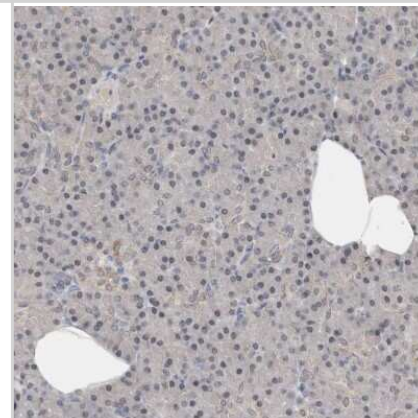
Immunohistochemistry-Paraffin: TfR (Transferrin R) Antibody [NBP1-85741] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



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.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-85741

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-92243PEP	TfR (Transferrin R) Antibody Blocking Peptide

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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