

Product Datasheet

Transthyretin/Prealbumin Antibody - BSA Free NBP1-89649

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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NBP1-89649

Transthyretin/Prealbumin 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	7276
Gene Symbol	TTR
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (83%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GTGESKCPMLVKVLDAVRGSPAINVAVHVFRKAADDTWEPFASGKTSESGEL HGLTTEEEFVEGIYKVEIDTKSYWKALGISPFHEHAEVVFTANDSGPRRYTIAAL LSPYSYSTTAVVTNPKE

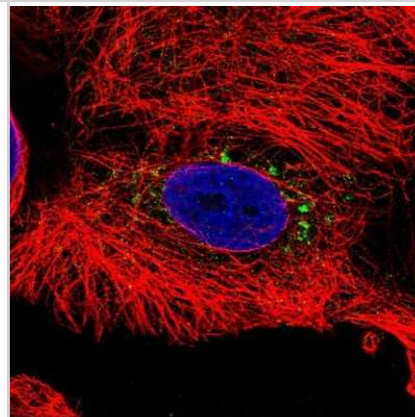
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

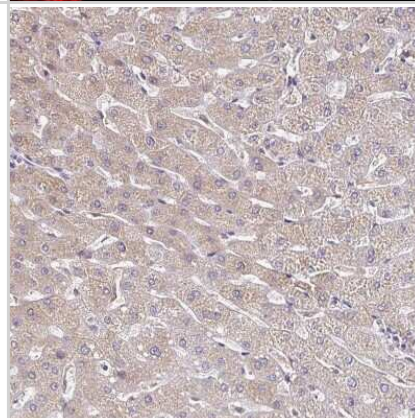


Images

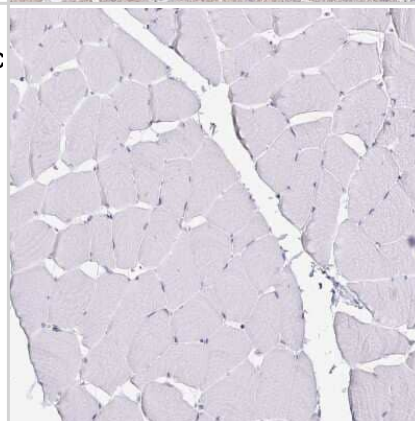
Immunocytochemistry/Immunofluorescence: Transthyretin/Prealbumin Antibody [NBP1-89649] - Staining of human cell line CACO-2 shows localization to the Golgi apparatus. Antibody staining is shown in green.



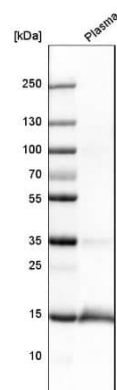
Immunohistochemistry-Paraffin: Transthyretin/Prealbumin Antibody [NBP1-89649] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Transthyretin/Prealbumin Antibody [NBP1-89649] - Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.



Analysis in human plasma.



Publications

Liu T, Zhang B, Jin X et al. Ophthalmic manifestations in a Chinese family with familial amyloid polyneuropathy due to a TTR Gly83Arg mutation. Eye (Lond) 2014-01-01 [PMID: 24113303] (IF/IHC, Human)

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. Proteome Sci 2011-11-17 [PMID: 22093360]

Noborn F, O'Callaghan P, Hermansson E et al. Heparan sulfate/heparin promotes transthyretin fibrillization through selective binding to a basic motif in the protein. Proc Natl Acad Sci U S A 2011-04-01 [PMID: 21422279]





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Products Related to NBP1-89649

NBP1-89649PEP	Transthyretin/Prealbumin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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