

Product Datasheet

Transferrin Antibody (HTF-14) - BSA Free NB500-418

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-418

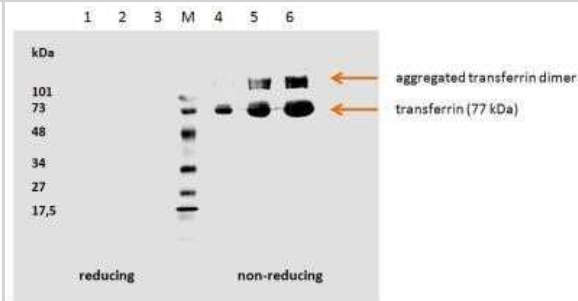
Transferrin Antibody (HTF-14) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HTF-14
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	77 kDa
Product Description	
Host	Mouse
Gene ID	7018
Gene Symbol	TF
Species	Human, Porcine, Rabbit, Bovine (Negative), Canine (Negative), Equine (Negative), Sheep (Negative)
Specificity/Sensitivity	The antibody HTF-14 recognizes an epitope located in the N-terminal domain of human serum transferrin, a 77 kDa single polypeptide chain glycoprotein (member of the iron binding family of proteins). It is synthesised in the liver and consists of two domains each having a high affinity reversible binding site for Fe ³⁺ .
Immunogen	Purified porcine transferrin.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay, Block/Neutralize
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:2000, Radioimmunoassay 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Radioimmunoassay 1:100-1:2000, Block/Neutralize
Application Notes	Western Blot: use non-reducing conditions. The antibody HTF-14 blocks binding of transferrin to the receptor. Purity is > 95% (by SDS-PAGE).

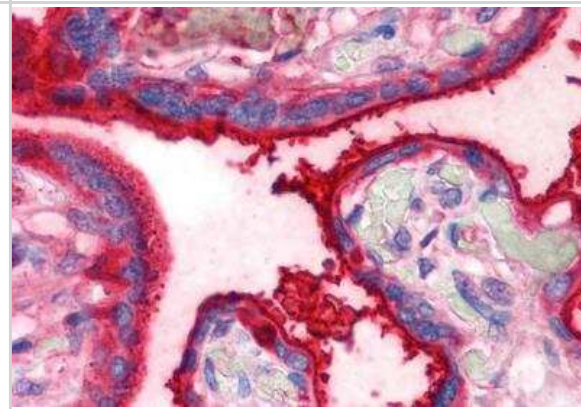


Images

Western Blot: Transferrin Antibody (HTF-14) [NB500-418] - Analysis using the Azide Free version of NB500-418. Detection of 1. hTransferrin; 5 ug/well (red. con.) 2. hTransferrin; 3 ug/well (red. con.) 3. hTransferrin; 1 ug/well (red. con.) M. Low Range marker 4. hTransferrin; 1 ug/well (non-red. con.) 5. hTransferrin; 3 ug/well (non-red. con.) 6. hTransferrin; 5 ug/well (non-red. con.)



Immunohistochemistry-Paraffin: Transferrin Antibody (HTF-14) [NB500-418] - Staining of human placenta (paraffin sections) using anti-transferrin (HTF-14).



Publications

Principe P, Mukosera GT, Gray-Hutto N et al. Nitric Oxide Affects Heme Oxygenase-1, Hepcidin, and Transferrin Receptor Expression in the Placenta International journal of molecular sciences 2023-03-20 [PMID: 36982960] (WB, Human)



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Products Related to NB500-418

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)
NB500-418UV	Transferrin Antibody (HTF-14) [DyLight 350]

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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