

Datasheet for ABIN2854907
anti-Transferrin antibody[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Transferrin (TF)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transferrin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Transferrin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit polyclonal antibody to Transferrin (transferrin) Transferrin antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Transferrin (TF)
Alternative Name:	transferrin (TF Products)

Target Details

Background: The protein encoded by this gene is a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds 1 ion of ferric iron. The function of this encoded protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. In addition to its function in iron transport, this protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter/allergens from serum.

Cellular Localization: Secreted

Molecular Weight: 77 kDa

Gene ID: 7018

UniProt: [P02787](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: WB: 1:500-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: A431 , H1299 , HeLa , human plasma , mouse plasma
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.12 mg/mL

Buffer: 1XPBS, 1 % BSA, 20 % Glycerol (pH 7), 0.025 % ProClin 300

Preservative: ProClin

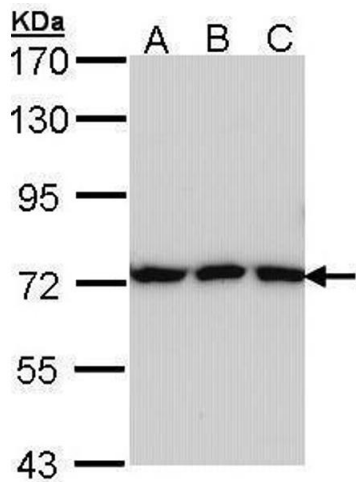
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

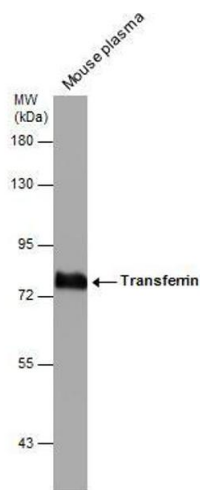
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104252 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



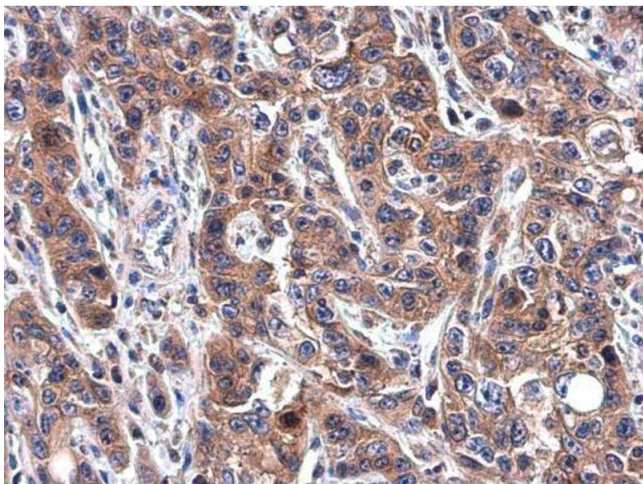
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: A431 , B: H1299 C: Hela 7.5% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 2. WB Image Mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Transferrin antibody [N3C3] , diluted at 1:1000.



Immunohistochemistry

Image 3. IHC-P Image Transferrin antibody [N3C3] detects Transferrin protein at cytoplasm in human esophageal carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human esophageal carcinoma. Transferrin antibody [N3C3] , diluted at 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2854907.