

Datasheet for ABIN5596988
anti-Transferrin antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Transferrin (TF)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Transferrin Antibody was produced by repeated immunizations with human serum Transferrin protein. Immunogenotype:Native
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	Transferrin (TF)
Alternative Name:	Transferrin (TF Products)
Background:	Transferrin Antibody detects transferrin protein. Transferrins are iron binding transport proteins which can bind two Fe ³⁺ ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell

Target Details

proliferation. Anti-transferrin Antibody is ideal for investigators involved in Cell Signaling, Neuroscience and Signal Transduction research.

Gene ID: 7018

UniProt: [P02787](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: Anti-Transferrin Antibody is suitable for western blotting, ELISA and IHC. Researchers should determine optimal titers for applications that are not stated below.

ELISA Dilution: 1:20,000 - 1:100,000

Immunohistochemistry Dilution: 1:1,000 - 1:5,000

Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

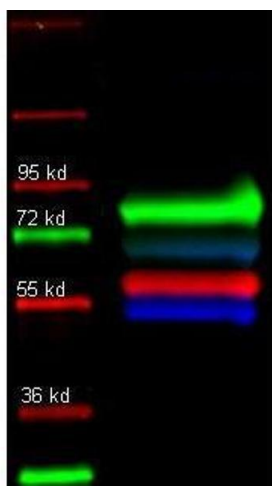
Concentration: 10.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

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

Storage: 4 °C



Western Blotting

Image 1. Western Blot of primary and DyLight conjugated secondary antibodies. Lane 1: molecular weight. Lane 2: Rabbit anti-Human transferrin (green), Alpha 1 anti trypsin (red), and Human IgG (Blue) in a multiplex fluorescent western blot of human serum. Primary antibody: Each primary antibody was diluted to 1:1000 for 2 hrs at RT. Secondary antibody: Rabbit IgG (H&L) Antibody DyLight™ 649 Conjugated (green), Goat IgG (H&L) Antibody DyLight™ 549 Conjugated (red), Mouse IgG (H&L) Antibody DyLight™ 488 Conjugated (blue) secondary antibody at 1:10,000 for 45 min at RT. Block: IRdye blocking buffer (MB-070) 1hr at 4°C. Other band(s): none.