

Anti-Transferrin Antibody

Catalog Number: M00094-3

About TF

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 proliferation.

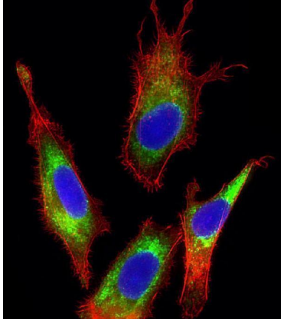
Overview

Product Name	Anti-Transferrin Antibody
Reactive Species	Human
Description	Boster Bio Anti-Transferrin Antibody (Catalog # M00094-3). Tested in WB, IF application(s). This antibody reacts with Human.
Application	IF, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02787

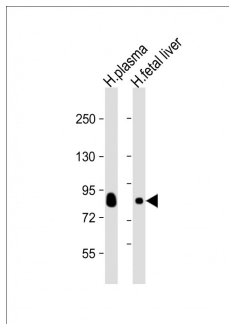
Technical Details

Immunogen	This Transferrin antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 101-135 amino acids from human Transferrin.
Predicted Reactive Species	Human
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25 WB: 1:2000

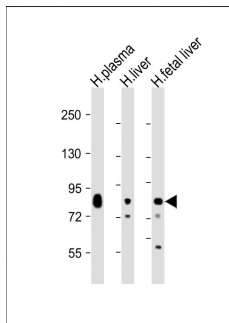
Anti-Transferrin Antibody (M00094-3) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cells labeling Transferrin with Cleaved PARP (Asp214) Antibody at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HepG2 cell line. The nuclear counter stain is DAPI (blue).



All lanes : Anti-Transferrin Antibody at 1:2000 dilution
Lane 1: human plasma lysate
Lane 2: human fetal liver lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-Transferrin Antibody at 1:2000 dilution
Lane 1: human plasma lysate
Lane 2: human liver lysate
Lane 3: human fetal liver lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

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Anti-Transferrin Antibody

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