

Transferrin Polyclonal Antibody

Catalog No: #42078

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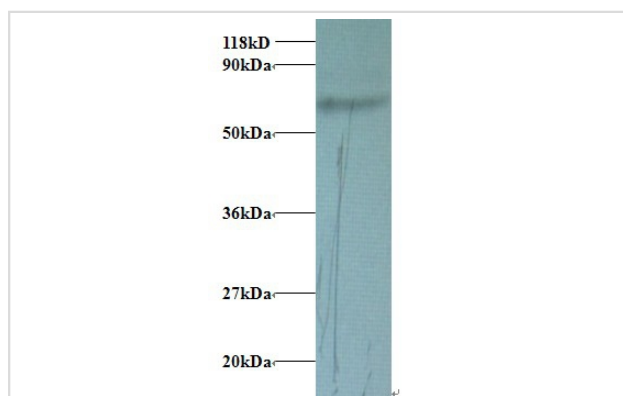
Description

Product Name	Transferrin Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Transferrin polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Transferrin protein
Target Name	Transferrin
Other Names	TF
Accession No.	Swiss-Prot#: P02787
Uniprot	P02787
GeneID	7018;
Calculated MW	77kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



Human Transferrin Antibody at 2ug/ml + EC109 whole cell lysate Secondary
 Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size : 77 kDa
 Observed band size : 77 kDa

Background

Transferrin is a single polypeptide chain glycoprotein and is a member of the iron binding family of proteins. It has a molecular weight of 77 kDa and a serum concentration range of 1800 to 2700 mg/L. It is synthesized in the liver and consists of two domains each having a high affinity reversible binding site for Fe³⁺. Iron is transported in blood and interstitial fluids to sites of use and disposal. Iron/transferrin is essential in hemoglobin synthesis and for certain types of cell division. Serum concentration rises in iron deficiency and pregnancy and falls in iron overload, infection and inflammatory

conditions.

References

[1] "The organization and the complete nucleotide sequence of the human NADH-cytochrome b5 reductase gene."Tomatsu S., Kobayashi Y., Fukumaki Y., Yubisui T., Orii T., Sakaki Y.Gene 80:353-361(1989) [2] "A genome annotation-driven approach to cloning th

Note: This product is for in vitro research use only