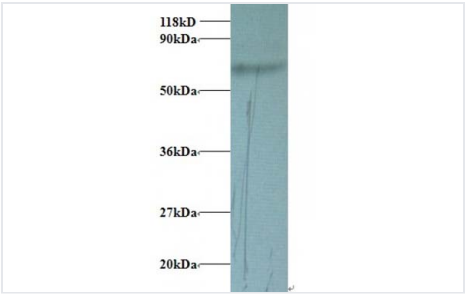
Transferrin (TF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Transferrin (TF), Polyclonal Antibody
Full Product Name	Transferrin antibody (HRP)
Product Gene Name	anti-TF antibody
Product Synonym Names	Rabbit polyclonal Transferrin antibody (HRP); Polyclonal Transferrin antibody; Anti-Transferrin antibody; Serotransferrin antibody; Beta 1 metal binding globulin antibody; Siderophilin antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied with 0.03% Proclin 300, 50% Glycerol and 0.01M PBS, PH 7.4
Purity/Purification	Purified by Ammonium Sulfate precipitation
Preparation and Storage	Store at 4 degree C for short term storage and-20 degree C for long term storage. Avoid repeat freeze/thaw cycles.
Molecular Weight	77,064 Da
OMIM	190000
Immunogen	Transferrin antibody (HRP) was raised in Rabbit using human Transferrin protein as the immunogen
Conjugate	HRP
Cross-Reactivity	Human
Product Categories/Family for anti-TF antibody	Nutrition & Metabolism
Applications Tested/Suitable for anti-TF antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for anti-TF antibody	Transferrin 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.
Other Notes	Small volumes of anti-TF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TF purchase	MBS5310466 is an antibody targeting TF. Also known as Transferrin antibody (HRP). Host: Rabbit.



Testing Data of anti-TF antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TF. It may not necessarily be applicable to this product.

NCBI GI #	339453
NCBI GeneID	7018
NCBI Accession #	AAA61140.1
UniProt Secondary Accession #	O43890; Q1HBA5; Q9NQB8; Q9UHV0
UniProt Related Accession #	P02787
NCBI Official Full Name	transferrin
NCBI Official Synonym Full Names	transferrin
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	TFQTL1; PRO1557; PRO2086; HEL-S-71p
UniProt Protein Name	Serotransferrin
UniProt Synonym Protein Names	Beta-1 metal-binding globulin; Siderophilin
Protein Family	Transferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin
NCBI Protein Information	serotransferrin
NCBI Summary for TF	This gene encodes 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 one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq, Sep 2009]
UniProt Comments for TF	Transferrins are iron binding transport proteins which can bind two Fe3+ 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.
Research Articles on TF	**1.** model predicts that small vesicles promote activation of FX by the extrinsic tenase (VIIa/TF) significantly better than large vesicles
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