Transferrin (TRF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Transferrin (TRF), Polyclonal Antibody
Full Product Name	Cy3-Linked Polyclonal Antibody to Transferrin (TRF)
Product Gene Name	anti-TRF antibody
Product Synonym Names	TF; Siderophilin; Serotransferrin; Beta-1 metal-binding globulin
Immunogen Sequence	Asp284~Ala 575
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Bovine, Sheep
Form/Format	Liquid
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Concentration	>=100ug/ml (lot specific)
Specificity	The antibody is a Rabbit polyclonal antibody raised against TRF. It has been selected for its ability to recognize TRF in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: TRF (MBS2026396) Cy3 Conjugated Antibody: TRF (MBS2109365)
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3D Structure	ModBase 3D Structure for Q29443
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	Cy3
Cross Reactivity	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-TRF antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Related Product Information for anti-TRF antibody	MBS2109365 is an antibody targeting TRF. Also known as Cy3-Linked Polyclonal Antibody to Transferrin (TRF). Reactive in Bovine, Sheep. Host: Rabbit.
Other Notes	Small volumes of anti-TRF 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.

ADDITIONAL DETAILS

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

NCBI GI #	114326282
NCBI GeneID	280705
NCBI Accession #	NP_803450.2
UniProt Primary Accession #	Q29443
UniProt Related Accession #	Q29443
GenBank Nucleotide #	NM_177484.3
NCBI Official Full Name	serotransferrin
NCBI Official Symbol	TF
UniProt Protein Name	Serotransferrin
UniProt Synonym Protein Names	Beta-1 metal-binding globulin; Siderophilin
Protein Family	TBP-related factor
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin
UniProt Entry Name	TRFE_BOVIN
NCBI Protein Information	serotransferrin
UniProt Comments for TRF	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 TRF	**1.** The TF gene has an effect on milk fat yield.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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