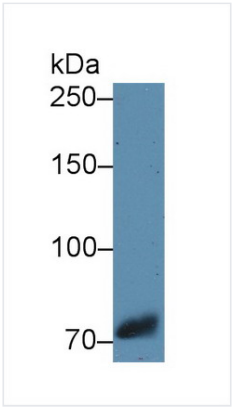
Transferrin (TRF) Antibody – Rabbit Polyclonal

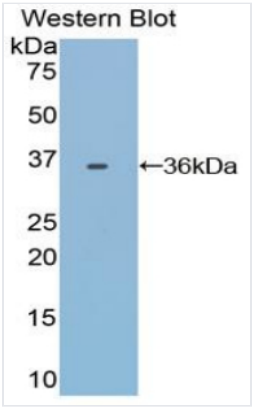
PRODUCT OVERVIEW

Product Name	Transferrin (TRF), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Transferrin (TRF)
Product Gene Name	anti-TRF antibody
Immunogen Sequence	Antigen: The target protein is fused with two N-terminal Tags, His-tag and its sequence is listed below. MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF-DVI WELL NHAQEHFGKD KPDNFQLFQS PHGKDLLFKD SADGFLKIPS KMDFELYLGY EYVTALQNLR ESKPPDSSKD ECMVKWCAIG HQERTKCDRW SGFSGGAIEC ETAENTEECI AKIMKGEADA MSLDGGYLYI AGKCGLVPVL AENYKTEGES CKNTPEKGYL AVAVVKTSDA NINWNNLKDK KSCHTAVDRT AGWNIPMGLL YSKINNCKFD EFFSAGCAPG SPRNSSLCAL CIGSEKGTGK ECVPNSNERY YGYTGAFRCL VEKGDVAFVK DQTVIQNTDG NNNEA
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Bovine
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	500ug/mL (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against TRF. It has beenselected for its ability to recognize TRF in immunohistochemical staining andwestern blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) Biotin Conjugated Antibody: TRF (MBS2001495)
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) APC-CY7 Conjugated Antibody: TRF (MBS2062340)
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) PE Conjugated Antibody: TRF (MBS2062341)
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) APC Conjugated Antibody: TRF (MBS2062342)
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) Cy3 Conjugated Antibody: TRF (MBS2062343)
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) FITC Conjugated Antibody: TRF (MBS2062344)
Matching Pairs	Unconjugated Antibody: TRF (MBS2006989) HRP Conjugated Antibody: TRF (MBS2062345)
Matching Pairs	Unconjugated Antibody: Transferrin (TRF) (MBS2006989) APC-CY7 Conjugated Secondary Antibody: Immunoglobulin G (MBS2090675)
Matching Pairs	Unconjugated Antibody: Transferrin (TRF) (MBS2006989) Unconjugated Secondary Antibody: Immunoglobulin G (MBS2090678)
Molecular Weight	77,753 Da
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.
Immunogen	Recombinant TRF (Asp284~Ala575) expressed in E.coli.
Cross Reactivity	Bovine
Conjugation	No Conjugate
Conjugated Antibody	The APC conjugated antibody version of this item is also available as catalog #MBS2062342
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-TRF antibody	Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Parafin, ELISA (EIA), Western Blot (WB)
Application Notes for anti-TRF antibody	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Related Product Information for anti-TRF antibody	MBS2006989 is an antibody targeting TRF. Also known as Polyclonal Antibody to Transferrin (TRF). Reactive in Bovine. 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.



Western Blot (WB) of anti-TRF antibody
Western Blot: Sample: Bovine Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Bovine TRF Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Western Blot (WB) of anti-TRF antibody
Western Blot: Sample: Recombinant protein.

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 Secondary Accession #	Q0IIK2
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
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-bovine-antibody/transferrin-trf/2006989