

Rabbit anti-Human TF Polyclonal Antibody | anti-TF antibody

TF Antibody (C-term)

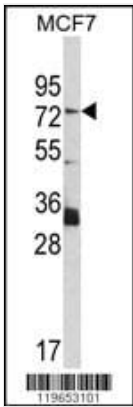
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287665	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

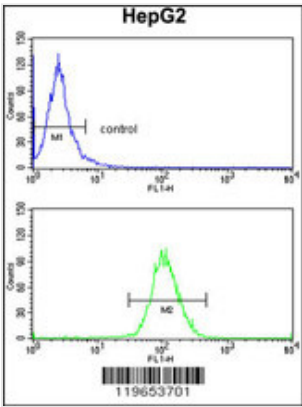
TF; Polyclonal Antibody; TF Antibody (C-term); Sero transferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin; anti-TF antibody

PRODUCT SPECIFICATIONS

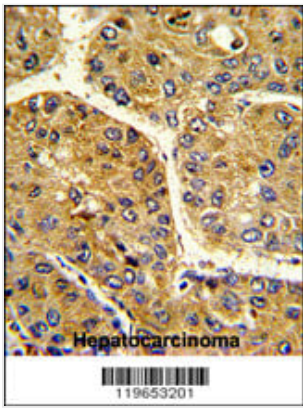
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 627-654 amino acids from the C-terminal region of human TF.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	627-654
Sequence Length	698
Applicable Applications for anti-TF antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of TF Antibody (C-term) in MCF7 cell line lysates (35ug/lane). TF (arrow) was detected using the purified Pab.



FCM/FACS (Flow Cytometry)
TF Antibody (C-term) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with TF Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-TF antibody	TF is 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.
Product Categories/Family for anti-TF antibody	Cardiovascular; Signal Transduction
References	Mason,A.B., et.al., Biochemistry 32 (20), 5472-5479 (1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557871
NCBI GeneID	7018
NCBI Accession #	NP_001054.1
NCBI GenBank Nucleotide #	NM_001063.3

UniProt Accession #	P02787; O43890; Q1HBA5; Q9NQB8; Q9UHV0
Molecular Weight	77064
NCBI Official Full Name	serotransferrin
NCBI Official Synonym Full Names	transferrin
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	TFQTL1; PRO1557; PRO2086
NCBI Protein Information	serotransferrin
UniProt Protein Name	Serotransferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin
UniProt Entry Name	TRFE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tf-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287665>