

Rabbit Transferrin Polyclonal Antibody | anti-TF antibody

Transferrin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328980	Rabbit	Human Predicted Reactivity: Rabbit(86%)	ELISA

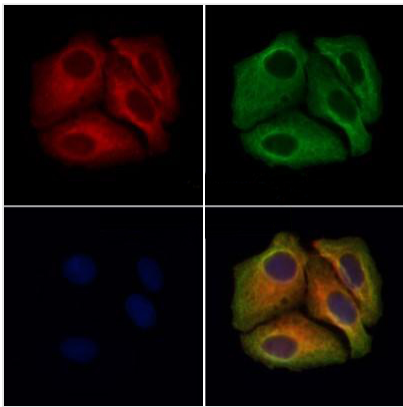
PRODUCT SYNONYMS

Transferrin; Polyclonal Antibody; Transferrin Antibody; Apotransferrin; Beta 1 metal binding globulin; Beta-1 metal-binding globulin; DKFZp781D0156; PRO1400; PRO1557; PRO2086; Serotransferrin; Serotransferrin precursor; Siderophilin; TF; TFQTL1; Transferin; TRFE_HUMAN; anti-TF antibody

PRODUCT SPECIFICATIONS

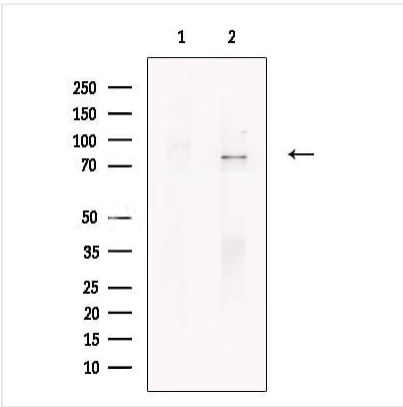
Host	Rabbit
Reactivity	Human Predicted Reactivity: Rabbit(86%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Transferrin Antibody detects endogenous levels of total Transferrin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	698
Applicable Applications for anti-TF antibody	ELISA
Immunogen	A synthesized peptide derived from human Transferrin, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328980 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA328980 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using Transferrin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TF antibody	Function: Transferrins are iron binding transport proteins which can bind two Fe(3+) 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.
	Subcellular Location: Secreted.
	Tissue Specificity: Expressed by the liver and secreted in plasma.
	Subunit Structure: Monomer.
	Similarity: Belongs to the transferrin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	339453
NCBI GeneID	7018
UniProt Accession #	P02787
Molecular Weight	Observed Molecular Weight: (Observed)77kD. Predicted Molecular Weight: (Calculated)77kDa.
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
NCBI Protein Information	serotransferrin
UniProt Protein Name	Serotransferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin

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/transferrin-antibody-elisa/328980>