

Rabbit anti-Human Transferrin receptor protein 1 Polyclonal Antibody | anti-TFRC antibody

Rabbit anti-human Transferrin receptor protein 1 polyclonal Antibody

CATALOG # AAA229220	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Transferrin receptor protein 1; Polyclonal Antibody; Rabbit anti-human Transferrin receptor protein 1 polyclonal Antibody; T9; p90; CD71; TFRC; anti-TFRC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	760
Applicable Applications for anti-TFRC antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Transferrin receptor protein 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7087 / sc-9099
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA229220 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



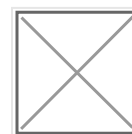
ICC (Immunocytochemistry)

Immunocytochemistry analysis of human colon cancer using AAA229220 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: Jurkat whole cell lysateAll lanes: TFRC antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 85 KDaObserved band size: 85 KDa



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA229220 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Transferrin receptor protein 1 antibody at 2ug/mlLane 1:U251 whole cell lysateLane 2:293T whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 85kDaObserved band size: 85kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	Cellular uptake of iron occurs via receptor-mediated endocytosis of ligand-occupied transferrin receptor into specialized endosomes. Endosomal acidification leads to iron release. The apotransferrin-receptor complex is then recycled to the cell surface with a return to neutral pH and the concomitant loss of affinity of apotransferrin for its receptor. Transferrin receptor is necessary for development of erythrocytes and the nervous system By similarity. A second ligand, the heditary hemochromatosis protein HFE, competes for binding with transferrin for an overlapping C-terminal binding site.
Product Categories/Family for anti-TFRC antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	189458819
NCBI GeneID	7037
NCBI Accession #	NP_001121620.1
NCBI GenBank Nucleotide #	NM_001128148.2
UniProt Accession #	P02786; Q1HE24; Q59G55; Q9UCN0; Q9UCU5; Q9UDF9; Q9UK21; D3DXB0
Molecular Weight	84,871 Da
NCBI Official Full Name	transferrin receptor protein 1 isoform 1
NCBI Official Synonym Full Names	transferrin receptor
NCBI Official Symbol	TFRC
NCBI Official Synonym Symbols	T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46
NCBI Protein Information	transferrin receptor protein 1
UniProt Protein Name	Transferrin receptor protein 1
UniProt Gene Name	TFRC
UniProt Synonym Gene Names	TR; TfR; TfR1; Trfr; sTfR
UniProt Entry Name	TFR1_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/transferrin-receptor-protein-1-antibody-immunohistochemistry-western-blot-elisa/229220>