

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

Anti-TFRC Antibody

CATALOG # AAA46075	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Transferrin receptor protein 1; Polyclonal Antibody; Anti-TFRC Antibody; CD 71 antibody; CD71 antibody; CD71 antigen antibody; OTTHUMP00000208523 antibody; OTTHUMP00000208524 antibody; OTTHUMP00000208525 antibody; p90 antibody; sTfR antibody; T9 antibody; TFR 1 antibody; TFR antibody; TFR1 antibody; TFR1_HUMAN antibody; TFRC antibody; TR antibody; Transferrin receptor (p90 CD71) antibody; Transferrin Receptor Protein 1 antibody; serum form antibody; TRFR antibody; transferrin receptor; anti-TFRC antibody

PRODUCT SPECIFICATIONS

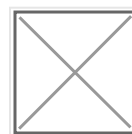
Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	760
Applicable Applications for anti-TFRC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human TFRC recombinant protein (Position: M1-N198). Human TFRC shares 72% and 70% amino acid (aa) sequences identity with mouse and rat TFRC, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- TFRC antibody, AAA46075,IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)

Anti- TFRC antibody, AAA46075, Western blottingAll lanes: Anti TRFC (AAA46075) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: JURAKT Whole Cell Lysate at 40ugLane 3: RAJI Whole Cell Lysate at 40ugLane 4: HL-60 Whole Cell Lysate at 40ugLane 5: K562 Whole Cell Lysate at 40ugLane 6: HEPG2 Whole Cell Lysate at 40ugLane 7: Human Placenta Tissue Lysate at 50ugLane 8: CEM Whole Cell Lysate at 40ugPredicted bind size: 86KDObserved bind size: 98KD



WB (Western Blot)

Anti- TFRC antibody, AAA46075, Western blottingAll lanes: Anti TFRC (AAA46075) at 0.5ug/mlWB: Recombinant Human TRFC Protein 0.5ngPredicted bind size: 45KDObserved bind size: 45kD

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	Description: Rabbit IgG polyclonal antibody for Transferrin receptor protein 1(TFRC) detection. Tested with WB, IHC-P in Human. Background: Transferrin receptor protein 1 (TfR1), also known as Cluster of Differentiation 71 (CD71), is a protein that in humans is encoded by the TFRC gene. It is mapped to 3q29. TFRC is a transmembrane glycoprotein composed of two disulfide-linked monomers joined by two disulfide bonds. Expression of human TFR1 in hamster cell lines markedly enhanced the infection of viruses pseudotyped with the glycoprotein of Machupo, Guanarito, and Junin viruses. TFR1 is a cellular receptor for New World hemorrhagic fever arenaviruses. It is required for iron delivery from transferrin to cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189458819
NCBI GeneID	7037
NCBI Accession #	NP_001121620.1
NCBI GenBank Nucleotide #	NM_001128148.1
UniProt Accession #	P02786; Q1HE24; Q59G55; Q9UCN0; Q9UCU5; Q9UDF9; Q9UK21; D3DXB0
Molecular Weight	84,871 Da
NCBI Official Full Name	transferrin receptor protein 1
NCBI Official Synonym Full Names	transferrin receptor
NCBI Official Symbol	TFRC
NCBI Official Synonym Symbols	T9; TR; TFR; p90; CD71; TFR1; TRFR
NCBI Protein Information	transferrin receptor protein 1; transferrin receptor (p90, CD71)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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