

Rabbit TFRC Polyclonal Antibody | anti-TFRC antibody

TFRC antibody - N-terminal region

CATALOG # AAA201234	HOST Rabbit	REACTIVITY Human, Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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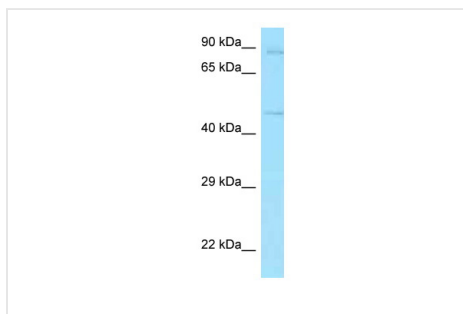
PRODUCT SYNONYMS

TFRC; Polyclonal Antibody; TFRC antibody - N-terminal region; anti-TFRC antibody

PRODUCT SPECIFICATIONS

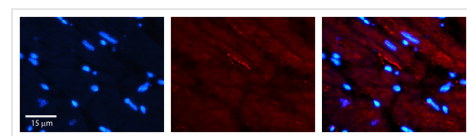
Host	Rabbit
Reactivity	Human, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PV REEPGEDFPA ARRLYWDDLK RKLSEKLDST DFTGTIKLLN ENSYVPRE
Sequence Length	760
Applicable Applications for anti-TFRC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Human: 100%; Rabbit: 91%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TFRC Antibody Titration: 1.0 ug/ml Positive Control: ACHN Whole Cell



IHC (Immunohistochemistry)

Rabbit Anti-TFRC Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Plasma membrane Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-TFRC antibody	This is a rabbit polyclonal antibody against TFRC. It was validated on Western Blot Target Description: TFRC is a 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	Polyclonal; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	189458817
NCBI GeneID	7037
NCBI Accession #	NP_003225
NCBI GenBank Nucleotide #	NM_003234
UniProt Accession #	P02786
Molecular Weight	84kDa
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/tfrc-antibody-immunohistochemistry-western-blot-elisa/201234>