

Anti-TFRC antibody (1-760) (STJ28428)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

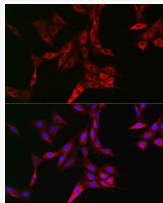
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1500-1:9000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 85kDa Observed Mw: 100kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

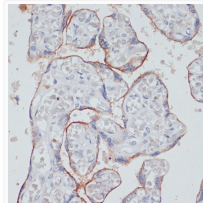
Gene ID	7037
Gene Symbol	TFRC
UniProt ID	TFR1_HUMAN
Immunogen Region	1-760
Immunogen Sequence	MMDQARSAFSNLFGGEPLSY TRFSLARQVDGDNHVMKLVAVDEEENADNNTKANVTKPK RCSGSICYGTIAIVVFFLIG FMIGYLG YCKGVEPKTECER LAGTESPVREEPGEDFPAAR RLYWDDLKRKLEKLDSTDF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human CD71/Transferrin Receptor (NP_001121620.1).

ADDITIONAL INFORMATION

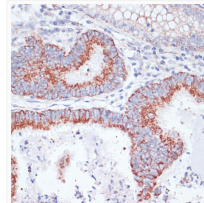
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



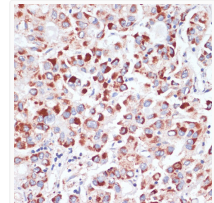
Immunofluorescence analysis of PC-12 cells using CD71/Transferrin Receptor Rabbit polyclonal antibody (STJ28428) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



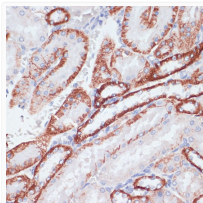
Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded human placenta using CD71/Transferrin Receptor Rabbit polyclonal antibody (STJ28428) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



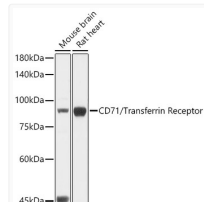
Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded human colon carcinoma using CD71/Transferrin Receptor Rabbit polyclonal antibody (STJ28428) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded human liver cancer using CD71/Transferrin Receptor Rabbit polyclonal antibody (STJ28428) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded rat kidney using CD71/Transferrin Receptor Rabbit polyclonal antibody (STJ28428) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using CD71/Transferrin Receptor Rabbit polyclonal antibody (STJ28428) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.