

bs-1782R**[Primary Antibody]****BioSS**
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TFRC Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 7037	SWISS: P02786	Reactivity: (predicted: Human, Mouse, Rat)
Target: TFRC		
Immunogen: KLH conjugated synthetic peptide derived from human CD71: 21-120/760. < Cytoplasmic >		Predicted MW.: 74/85 kDa
Purification: affinity purified by Protein A		Subcellular Location: Secreted ,Cell membrane
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]		

— SELECTED CITATIONS —

- **[IF=3.9]** Cuicui Zhuang, et al. Escherichia coli infection induces ferroptosis in bovine mammary epithelial cells by activating the Wnt/ β -catenin pathway-mediated mitophagy. MITOCHONDRION. 2024 Sep;78:101921 WB ;Bovine. 38885732
- **[IF=2.88]** Gao, Yuhua, et al. "Isolation and Characterization of Chicken Dermis-Derived Mesenchymal Stem/Progenitor Cells." BioMed Research International 2013 (2013). Other ;Chicken. 23984389
- **[IF=2.634]** Ma C et al. Identification and Multilineage Potential Research of a Novel Type of Adipose-Derived Mesenchymal Stem Cells from Goose Inguinal Groove. DNA Cell Biol. 2018 Sep;37(9):731-741. ICC ;Goose. 30102556
- **[IF=3.367]** Hua Chen, et al. Chronic Intermittent Hypobaric Hypoxia Decreases High Blood Pressure by Stabilizing the Vascular Renin-Angiotensin System in Spontaneously Hypertensive Rats. Front Physiol. 2021; 12: 639454 IHC ;Rat. 33841179
- **[IF=1.69]** Gao, Yuhua, et al. "All-trans Retinoic Acid Promotes Nerve Cell Differentiation of Yolk Sac-Derived Mesenchymal Stem Cells." Applied Biochemistry and Biotechnology (2014): 1-11. Other ;Chicken. 25086923