**bs-1782R** **[ Primary Antibody ]**

# TFRC Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 7037 **SWISS:** P02786

**Target:** TFRC

**Immunogen:** KLH conjugated synthetic peptide derived from human CD71: 21-120/760. < Cytoplasmic >

**Purification:** affinity purified by Protein A

**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]

**Applications:** **WB** (1:500-2000)
**ELISA** (1:5000-10000)

**Reactivity:** Human, Mouse
(predicted: Rat)

**Predicted MW.:** 74/85 kDa

**Subcellular Location:** Secreted ,Cell membrane

## 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