

# Transferrin Recombinant antibody

**Cat:**B31012T

**Company:** HaoKebio

**Uniprot ID:**P02787

**Applications:** IHC:1:250-1:1000

**Organism:**Rabbit

IHC-Polymer:1:1000-1:4000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1200-1:5000

**Molecular Weight Calculation:** 77 kDa

IF:1:50

**Observed Molecular Weight:** 77 kDa

WB:1:2500-1:25000

**Background:**

Serotransferrin(TF) is a 77 kDa secreted protein which is also named as transferrin, siderophilin, beta-1 metal-binding globulin and belongs to a family of homologous iron-binding glycoproteins that encompasses lactoferrin (found both intracellular and in secretions, including milk), melanotransferrin (present on melanoma cells) and ovotransferrin (present in egg white). TF is a multi-functional protein with a primary role in transporting iron in a safe, redox-inactive state from absorption to utilization or storage sites around the body. The association of Tf with the immune system derives from its ability to restrict serum free-iron levels, creating low-iron environments where the infection capacity of pathogenic microorganisms is limited. TF is expressed predominantly in the liver and secreted in plasma, but lower amounts can be synthesized in other tissues such as the brain and the testis.

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

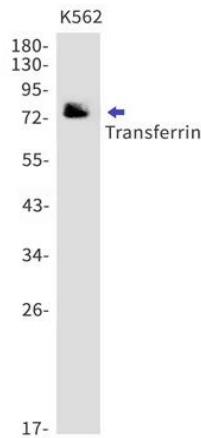
PBS with 0.02% sodium azide,100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 6.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**


Dilution of 1:25000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

发表[中文论文]请标注:Transferrin(B31012T)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Transferrin(B31012T) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Protein full name:**

transferrin

**Synonyms:**

TF, Serotransferrin, PRO2086, PRO1557, Beta-1 metal-binding globulin

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm, secrete

**Purity:**

