

PACO25536

Product Information

Size:

50ug

Reactivity:

Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000

Protein Background:

Transferrin is a single polypeptide chain glycoprotein and is a member of the iron binding family of proteins. It has a molecular weight of 77 kDa and a serum concentration range of 1800 to 2700 mg/L. It is synthesized in the liver and consists of two domains each having a high affinity reversible binding site for Fe³⁺. Iron is transported in blood and interstitial fluids to sites of use and disposal. Iron/transferrin is essential in hemoglobin synthesis and for certain types of cell division. Serum concentration rises in iron deficiency and pregnancy and falls in iron overload, infection and inflammatory conditions.

Gene ID:

Tf

Uniprot

P12346

Synonyms:

Serotransferrin (Transferrin) (Beta-1 metal-binding globulin) (Liver regeneration-related protein LRRG03) (Siderophilin), Tf

Immunogen:

Rat Transferrin (Native Protein).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot

All lanes: Rat Transferrin antibody at 2 μ g/ml

Lane 1: Rat Transferrin at 0.2 mg

Lane 2: Rat Transferrin at 0.1 mg

Secondary

Goat polyclonal to rabbit IgG at 1/15000 dilution

Predicted band size: 77, 55 kDa

Observed band size: 77 kDa