BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Transferrin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09176
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human TF. AA range:611-660
Mol wt	76780
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Transferrin Antibody
Synonyms	TF; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TF encodes a glycoprotein with an approximate molecular weight of 76. kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. Serotransferrin may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.

Recommended Dilution

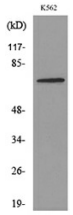
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

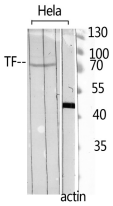
ELISA: 1: 20000

Not yet tested in other applications.

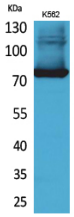
Images



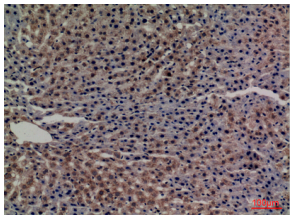
Western blot analysis of lysate from K562 cells, using TF Antibody.



Western Blot analysis of HELA using TF Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Western Blot analysis of K562 cells using Transferrin Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-liver, antibody was diluted at 1:100

Storage

-20°C for one year

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