prosci-inc.com

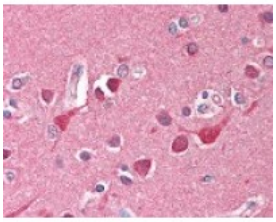
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

Serotransferrin Antibody

CATALOG NUMBER: 49-489



Immunohistochemistry staining of Serotransferrin in brain cortex tissue using Serotransferrin Antibody.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IF, IHC
APPLICATIONS:	Serotransferrin antibody can be used in immunohistochemistry starting at 4 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	Serotransferrin antibody was raised against amino acids 31 - 47 of Serotransferrin (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	Store Serotransferrin antibody at 4 ˚C or -20 ˚C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TF, PRO1557, Serotransferrin, Siderophilin, TFQTL1, Beta-1 metal-binding globulin, Transferrin, PRO2086
ACCESSION NO.:	P02787
PROTEIN GI NO.:	313104271
OFFICIAL SYMBOL:	TF
GENE ID:	7018

Background

BACKGROUND:	Transferrin (TF) is a glycoprotein with an approximate molecular weight of 76.5 kDa. TF 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 1 ion of ferric iron. The function of transferrin is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. In addition to its function in iron transport, transferrin may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter/allergins from serum.

FOR RESEARCH USE ONLY

December 13, 2016