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Anti-Transferrin Antibody

Catalog # AP61600

Product Information

Application	WB
Primary Accession	P02787
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	77064

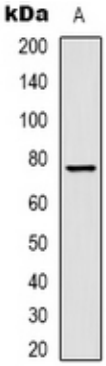
Additional Information

Gene ID	7018
Other Names	Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin
Target/Specificity	Recombinant protein corresponding to human Transferrin.
Dilution	WB~~WB (1/2000 - 1/5000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TF (HGNC:11740)
Function	Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. (Microbial infection) Serves as an iron source for parasite T.brucei (strain 427), which capture TF via its own transferrin receptor ESAG6:ESAG7 and extract its iron for its own use.
Cellular Location	Secreted.
Tissue Location	Expressed by the liver and secreted in plasma.

Images



Western blot analysis of Transferrin expression in human serum (A) whole cell lysates. (Predicted band size: 77 kD; Observed band size: 77 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.