

DATASHEET

Transferrin Rabbit Polyclonal Antibody

CAT. NO. APA12487

KEY FEATURES

Target	Transferrin	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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 Neisseria species, which capture the protein and extract its iron for their own use.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:5000 - 1:10000
IHC	1:200 - 1:500

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to Transferrin
Specificity	Recognizes endogenous levels of Transferrin protein.
Antibody Type	Primary antibody
Immunogen	Recombinant protein corresponding to human Transferrin.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 77 kD; Observed: 77 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin
Gene Symbol	TF
Entrez Gene	7018(Human)
SwissProt	P02787(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

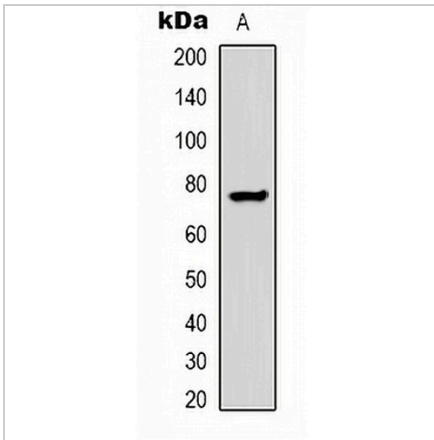
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

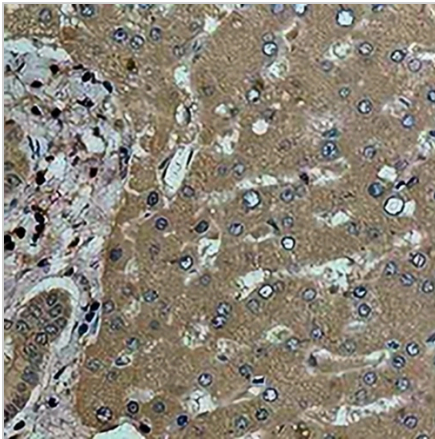
Transferrin Rabbit Polyclonal Antibody

CAT. NO. APA12487

DATA



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



Immunohistochemical analysis of Transferrin staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.