

For Research Use Only

Transferrin/TF Polyclonal antibody

Catalog Number:32388-1-AP



Basic Information

Catalog Number: 32388-1-AP	GenBank Accession Number: NM_133977.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 22041	Recommended Dilutions: WB: 1:2000-1:12000
Source: Rabbit	UNIPROT ID: Q92111	
Isotype: IgG	Full Name: transferrin	
Immunogen Catalog Number: EG1066	Calculated MW: 77kDa	
	Observed MW: 77 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
Species Specificity: mouse	

Background Information

Serotransferrin(TF) is a 77 kDa secreted protein which is also named as transferrin, siderophilin, beta-1 metal-binding globulin and belongs to a family of homologous iron-binding glycoproteins that encompasses lactoferrin (found both intracellular and in secretions, including milk), melanotransferrin (present on melanoma cells) and ovotransferrin (present in egg white). TF is a multi-function protein with a primary role in transporting iron in a safe, redox-inactive state from absorption to utilization or storage sites around the body. The association of Tf with the immune system derives from its ability to restrict serum free-iron levels, creating low-iron environments where the infection capacity of pathogenic microorganisms is limited. TF is expressed predominantly in the liver and secreted in plasma, but lower amounts can be synthesized in other tissues such as the brain and the testis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

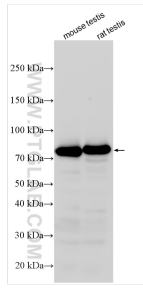
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32388-1-AP (Transferrin antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.