

Nur für Forschungszwecke

# Transferrin Polyklonaler Antikörper

Katalog-Nr.:17435-1-AP

Vorgestelltes Produkt

36 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 17435-1-AP	<b>GenBank-Zugangsnummer:</b> BC059367	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 7018	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:5000 IHC 1:50-1:500 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> transferrin	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 698 aa, 77 kDa	
<b>Immunogen Katalognummer:</b> AG11504	<b>Beobachtete Masse:</b> 77 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Maus, Ratte

### Positivkontrollen:

WB : humane Urinprobe, Mausmilzgewebe, Mausnierengewebe, Rattennierengewebe

IHC : humanes Leberzirrhosegewebe, humanes Hodengewebe, humanes Plazenta-Gewebe

IF : HepG2-Zellen,

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

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

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Fen Liu	36129988	Sci Adv	WB
Zhongyang Lv	36137413	EBioMedicine	WB
Tong-Chun Xue	25242412	Oncol Rep	WB

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

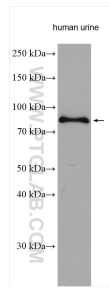
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

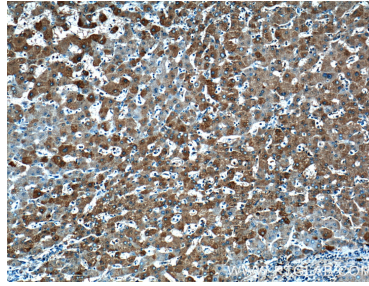
E: proteintech@ptglab.com  
W: ptglab.com

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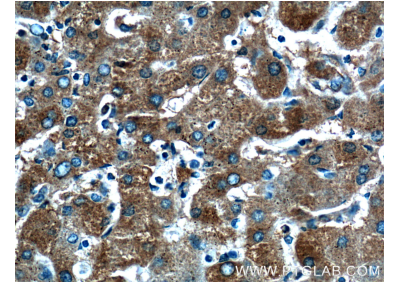
## Ausgewählte Validierungsdaten



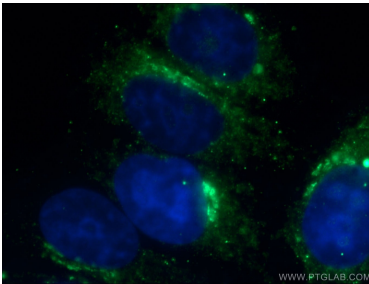
human urine lysates were subjected to SDS PAGE followed by western blot with 17435-1-AP (Transferrin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 17435-1-AP (Transferrin antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 17435-1-AP (Transferrin antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 17435-1-AP (Transferrin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).