

Allgemeine Informationen

Katalog-Nr.: 18300-1-AP	GenBank-Zugangsnummer: BC060513	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 600 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5340	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: plasminogen	
Isotyp: IgG	Berechnete Masse: 91 kDa	
	Beobachtete Masse: 90-100 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB,ELISA	Positivkontrollen: WB : human plasma, HepG2-Zellen IHC : humanes Lebergewebe, IF : HepG2-Zellen,
In Publikationen genannte Anwendungen: IHC	
Getestete Reaktivität: Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Plasminogen is a secreted blood zymogen that is activated by proteolysis and converted to plasmin and angiostatin. Plasminogen plays an important role in fibrinolysis as well as wound healing, cell migration, tissue modeling and angiogenesis. Plasminogen is synthesized in the liver, and it circulates in the blood, with a half-life of 2.2 days. Plasminogen is the precursor of plasmin, which lyses fibrin clots to fibrin degradation products (FDP) and D-dimer; the conversion to active protease is mediated by tissue-type (tPA) and urokinase-type (uPA) plasminogen activators. Defects in plasminogen are likely a cause of thrombophilia and ligneous conjunctivitis.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Takeshi Yamasaki	36933193	Int Immunol	IHC

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

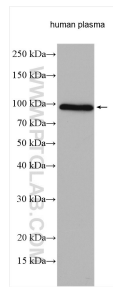
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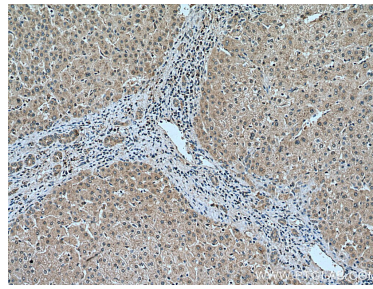
E: proteintech@ptglab.com
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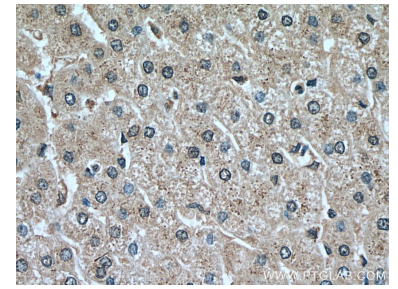
Ausgewählte Validierungsdaten



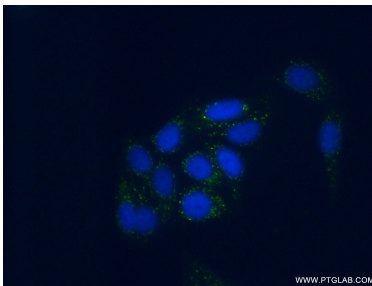
human plasma were subjected to SDS PAGE followed by western blot with 18300-1-AP (Plasminogen antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18300-1-AP (Plasminogen antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18300-1-AP (Plasminogen antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 18300-1-AP (Plasminogen antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).