

Nur für Forschungszwecke

SERPING1/C1 Inactivator Polyklonaler Antikörper



Katalog-Nr.: 12259-1-AP

9 Publikationen

Allgemeine Informationen

Katalog-Nr.: 12259-1-AP	GenBank-Zugangsnummer: BC011171	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 710	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	
Isotyp: IgG	Berechnete Masse: 500 aa, 55 kDa	
Immunogen Katalognummer: AG2819	Beobachtete Masse: 100 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, IHC, WB	WB : human plasma, HeLa-Zellen, HepG2-Zellen, humanes Lebergewebe, humanes Uringewebe, L02- Zellen, Mauslebergewebe
Getestete Reaktivität: Human, Maus	IHC : humanes Tonsillitisgewebe,
Zitierte Arten: Human, Maus	IF : HepG2-Zellen,
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

SERPING1, also known as C1 Inhibitor (C1INH), is a member of the Serine proteinase inhibitor family. Its main function is the inhibition of the complement system to prevent spontaneous activation. It inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioneurotic oedema (HANE). C1INH is the most heavily glycosylated plasma protein. Of its 95-105 kDa apparent molecular mass, the protein moiety of 500 aa accounts for only 55 kDa. The native 105 kDa form of C1INH could be cleaved into 60-65 kDa fragments.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Daria Zamolodchikov	26613657	J Thromb Haemost	WB
Koji Abe	31771070	J Alzheimers Dis	IHC
Dorit Farfara	30882931	Glia	WB

Lagerung

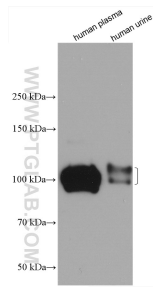
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

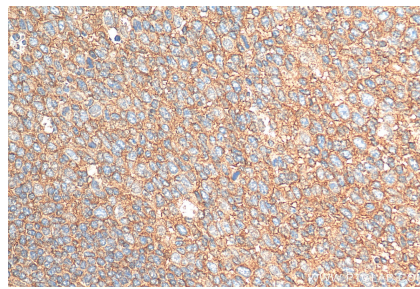
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

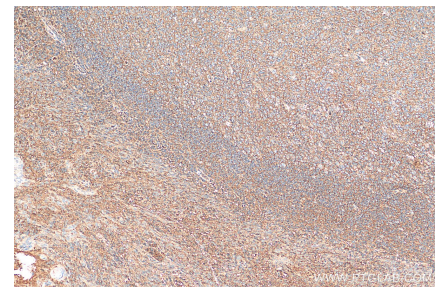
Ausgewählte Validierungsdaten



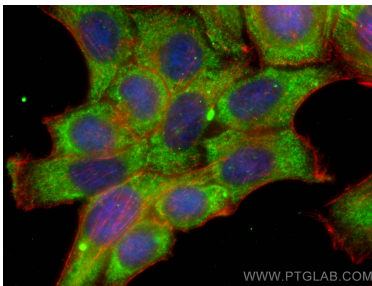
Various lysates were subjected to SDS PAGE followed by western blot with 12259-1-AP (SERPING1/C1 Inactivator antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12259-1-AP (SERPING1/C1 Inactivator antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12259-1-AP (SERPING1/C1 Inactivator antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SERPING1/C1 Inactivator antibody (12259-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).