

Nur für Forschungszwecke

Alpha Antichymotrypsin Polyklonaler Antikörper



Katalog-Nr.:12192-1-AP

6 Publikationen

Allgemeine Informationen

Katalog-Nr.:
12192-1-AP

Größe:
150ul, Konzentration: 900 µg/ml von
Nanodrop und 467 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2830

GenBank-Zugangsnummer:
BC010530

GeneID (NCBI):
12

Vollständiger Name:
serpin peptidase inhibitor, clade A
(alpha-1 antiproteinase, antitrypsin),
member 3

Berechnete Masse:
448 aa, 48 kDa

Beobachtete Masse:
44-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB : humanes Blutgewebe, COLO 320-Zellen,
humanes Kolongewebe

IP : COLO 320-Zellen,

IHC : humanes Tonsillitisgewebe, humanes
Lebergewebe, humanes Milzgewebe

Hintergrundinformationen

Human SerpinA3, also known as Alpha 1-antichymotrypsin (AACT), is a member of the serine protease inhibitor class, and is a plasma alpha globulin glycoprotein which increases in the blood during the inflammatory process. SerpinA3, is also an inhibitor of neutrophil cathepsin G, mast cell chymases and pancreatic chymotrypsin. SerpinA3 is produced primarily in the liver, and is identified as an acute-phase inflammatory protein. SerpinA3 deficiency has been associated with liver disease. SerpinA3 has also been implicated in the pathology of a number of devastating human diseases including chronic obstructive pulmonary disease (COPD), Parkinson's disease (PD), Alzheimer's disease (AD), Stroke, Cystic Fibrosis, Cerebral Haemorrhage and Multiple System Atrophy.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Di Wang	36248880	Front Immunol	WB
Zhendong Liu	36056701	Food Funct	WB
Zsofia I. Laszlo	36309735	Acta Neuropathol Commun	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

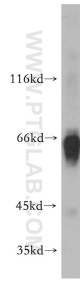
For technical support and original validation data for this product please contact:

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

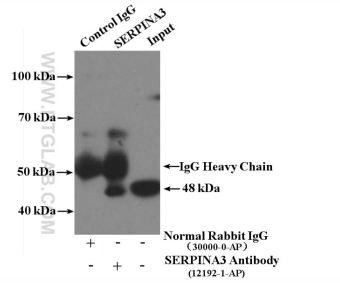
E: proteintech@ptglab.com
W: ptglab.com

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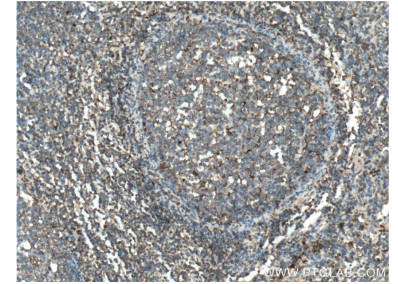
Ausgewählte Validierungsdaten



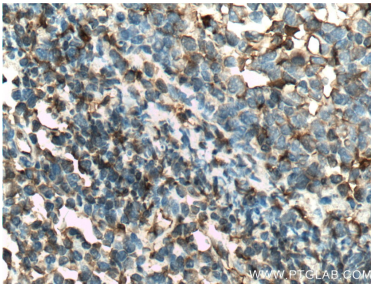
human blood were subjected to SDS PAGE followed by western blot with 12192-1-AP (alpha 1 Antichymotrypsin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



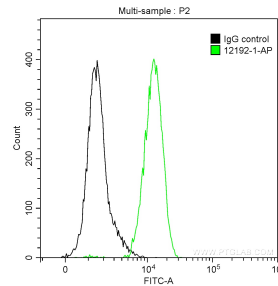
IP Result of anti-alpha 1 Antichymotrypsin (IP:12192-1-AP, 4ug; Detection:12192-1-AP 1:500) with COLO 320 cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12192-1-AP (alpha 1 Antichymotrypsin 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 tonsillitis tissue slide using 12192-1-AP (alpha 1 Antichymotrypsin antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human Alpha Antichymotrypsin (12192-1-AP) and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.