

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Alpha Antichymotrypsin



Numéro de catalogue: 12192-1-AP

7 Publications

Informations de base

Numéro de catalogue:
12192-1-AP

Taille:
150ul, Concentration: 900 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2830

Numéro d'acquisition GenBank:
BC010530

Identification du gène (NCBI):
12

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

MW calculé
448 aa, 48 kDa

MW observés:
44-70 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug par IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
FC, IHC, IP, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu sanguin humain, cellules COLO 320, tissu de côlon humain

IP : cellules COLO 320,

IHC : tissu d'amygdalite humaine, tissu hépatique humaine, tissu splénique humaine

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

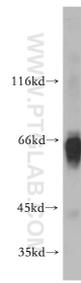
For technical support and original validation data for this product please contact:

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

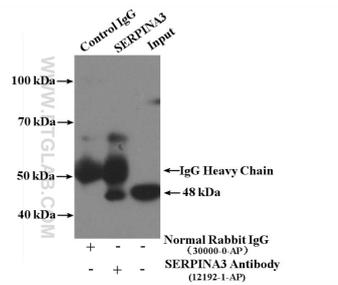
E: proteintech@ptglab.com
W: ptglab.com

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

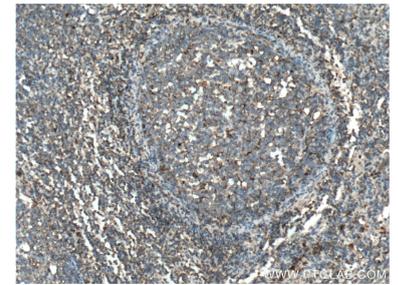
Données de validation sélectionnées



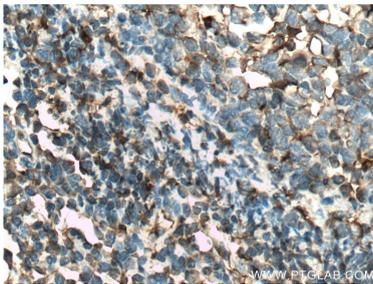
human blood were subjected to SDS PAGE followed by western blot with 12192-1-AP (alpha 1 Antichymotrypsin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



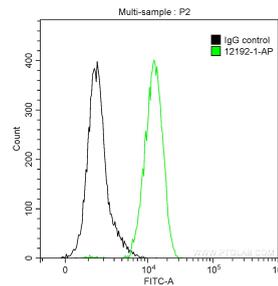
IP Result of anti-alpha 1 Antichymotrypsin (IP:12192-1-AP, 4ug; Detection:12192-1-AP 1:500) with COLO 320 cells lysate 2000ug.



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.