

Alpha-1-Antitrypsin antibody



Catalog Number: 107875

Product name

Alpha-1-Antitrypsin antibody

Specificity

Human, Mouse, Rat; other species not tested.

Antibody description

Alpha-1-Antitrypsin Rabbit Polyclonal antibody. Positive IHC detected in human liver tissue. Positive FC detected in HepG2 cells. Positive WB detected in mouse kidney tissue, human kidney tissue, mouse liver tissue, mouse lung tissue, mouse skin tissue. Positive IP detected in mouse kidney tissue. Observed molecular weight by Western-blot: 40 kDa, 45-53 kDa

Preparation

This antibody was obtained by immunization of Alpha-1-Antitrypsin recombinant protein (Accession Number: NM_001127700). Purification method: Antigen affinity purified.

Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, IHC, WB, IP, FC

Dilutions

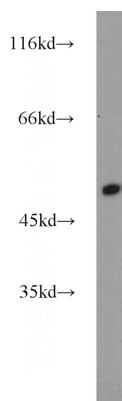
Recommended Dilution:

WB: 1:500-1:5000

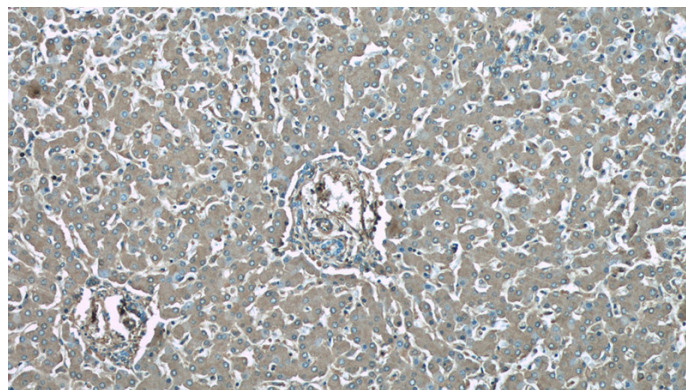
IP: 1:500-1:5000

IHC: 1:20-1:200

Validations



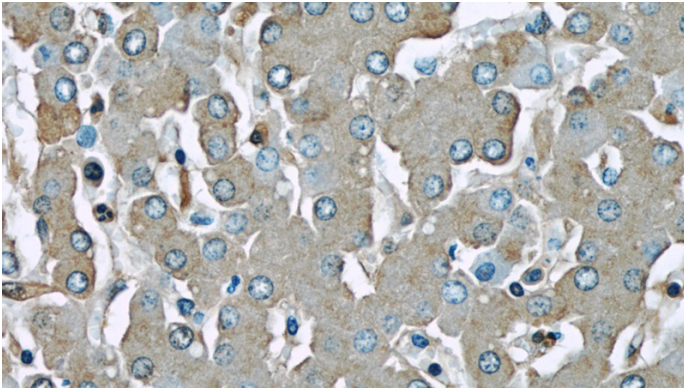
mouse kidney tissue were subjected to SDS PAGE followed by western blot with Catalog No:107875(Alpha-1-Antitrypsin antibody) at dilution of 1:1000



Immunohistochemical of paraffin-embedded human liver using Catalog No:107875(Alpha-1-Antitrypsin antibody) at dilution of 1:50 (under 10x lens)

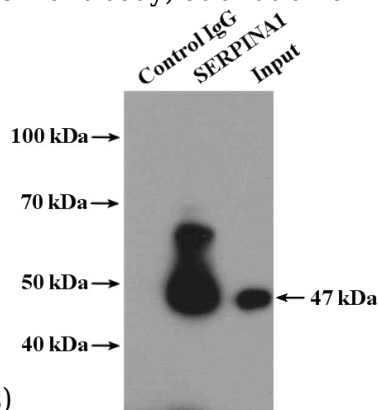
Alpha-1-Antitrypsin antibody

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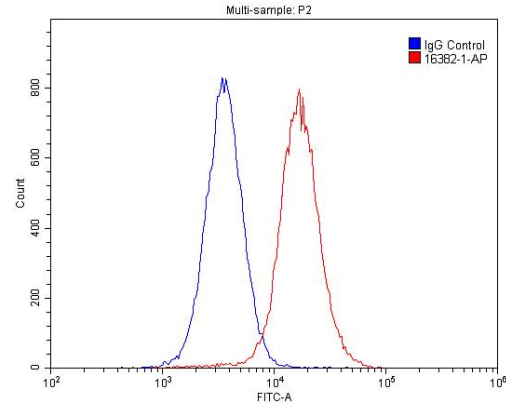


Immunohistochemical of paraffin-embedded human liver using Catalog No:107875(Alpha-1-Antitrypsin antibody) at dilution of 1:50 (under

40x lens)



IP Result of anti-Alpha-1-Antitrypsin (IP:Catalog No:107875, 4ug; Detection:Catalog No:107875 1:1000) with mouse kidney tissue lysate 7200ug.



1X10⁶ HepG2 cells were stained with 0.2ug Alpha-1-Antitrypsin antibody (Catalog No:107875, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.