

# 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

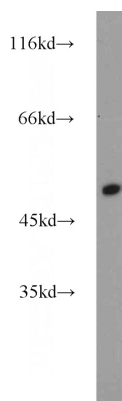
Recommended Dilution:

WB: 1:500-1:5000

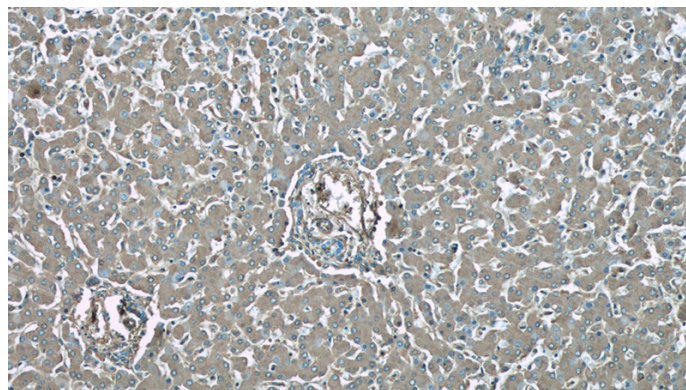
IP: 1:500-1:5000

IHC: 1:20-1:200

## Validations



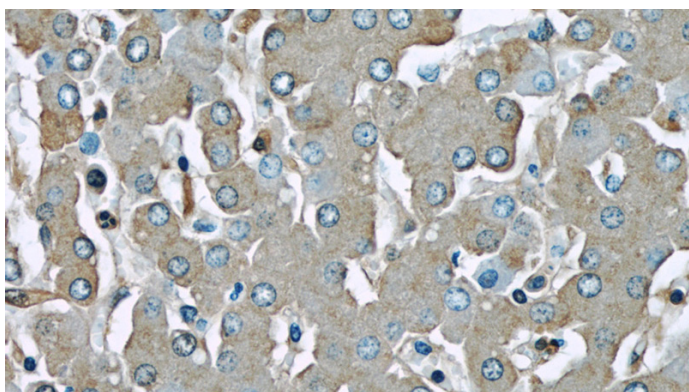
mouse kidney tissue were subjected to SDS PAGE followed by western blot with Catalog No:107875(Alpha-1-Antitrypsin antibody) at dilution of 1:1000



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

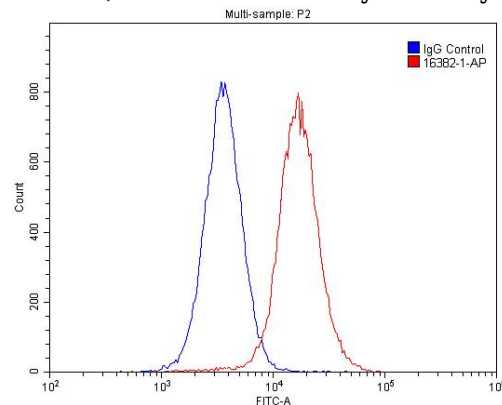
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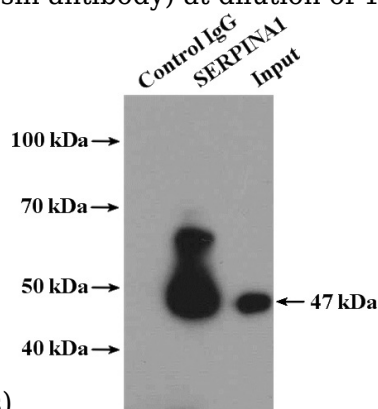


Immunohistochemical of paraffin-embedded human liver using Catalog No:107875(Alpha-1-Antitrypsin antibody) at dilution of 1:50 (under

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



$1 \times 10^6$  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.



40x lens)