

SERPINA1 Polyclonal Antibody

Catalog No: tcba797



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Research Area:

Cancer,Cardiovascular,Metabolism,

Species Reactivity:

Human,Mouse,Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

A1A;A1AT;AAT;alpha1AT;PI;PI1;PRO2275

SwissProt:

P01009

Gene ID:

5265 (human);

Calculated Molecular Weight:

34kDa/40kDa/46kDa

Purification:

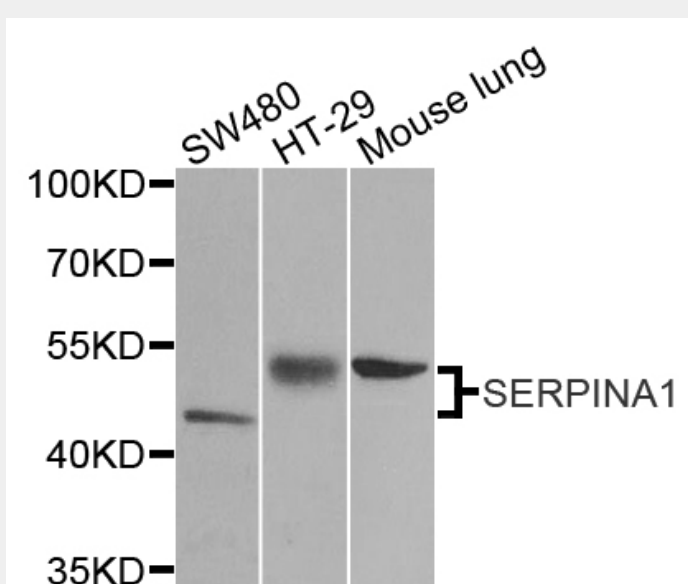
Affinity purification

Cellular Location:

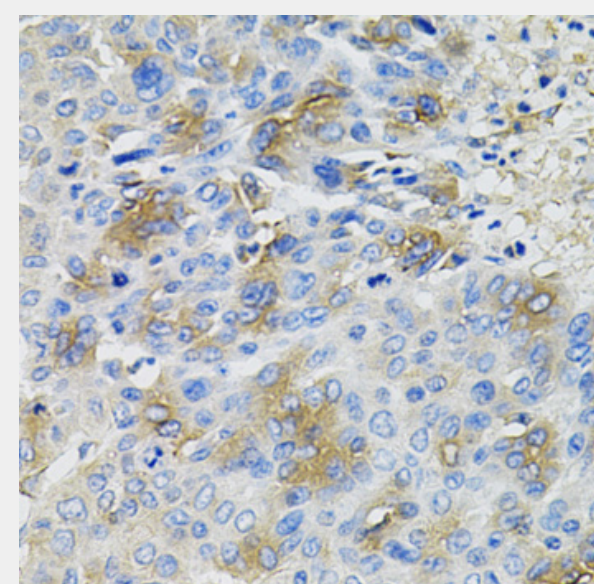
Endoplasmic reticulum,Secreted,extracellular matrix,extracellular space,

Product Description

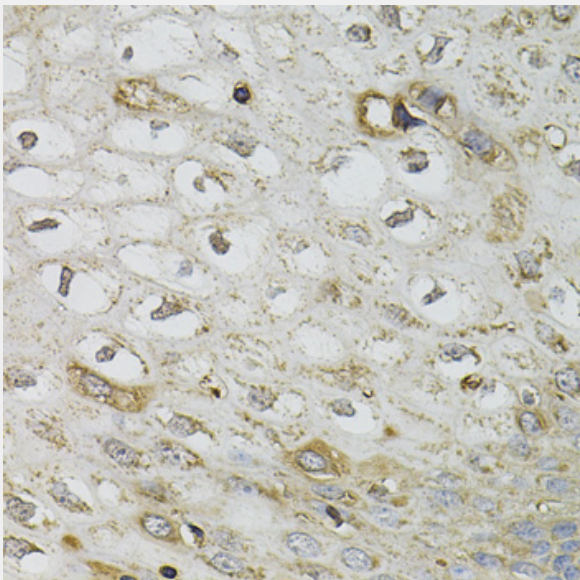
The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.



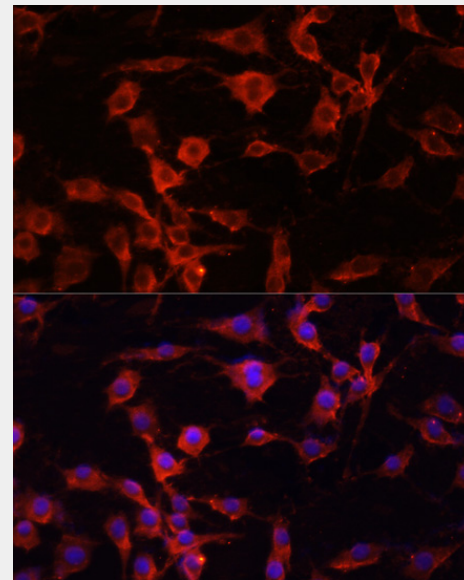
Western blot analysis of extracts of various cell lines, using SERPINA1 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human liver cancer using SERPINA1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using SERPINA1 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of PC-12 cells using SERPINA1 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!