

Product datasheet for TA381365S

OriGene Technologies, Inc.

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alpha 1 Antitrypsin (SERPINA1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

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Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 25-315 of

human Alpha-1 Antitrypsin (Alpha-1 Antitrypsin (SERPINA1)) (NP_000286.3).

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

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

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

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 34kDa/40kDa/46kDa

Gene Name: serpin family A member 1

Database Link: Entrez Gene 5265 Human

P01009

Background: 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.

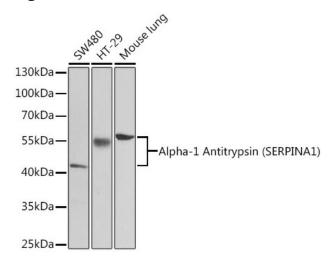
Synonyms: A1A; A1AT; AAT; Alpha-1-antiproteinase; alpha-1-antitrypsin; MGC9222; MGC23330;

OTTHUMP00000197150; PI; PI1; PRO2275

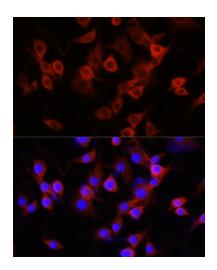




Product images:



Western blot analysis of extracts of various cell lines, using Alpha-1 Antitrypsin (Alpha-1 Antitrypsin (SERPINA1)) antibody ([TA381365]) 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.



Immunofluorescence analysis of PC-12 cells using Alpha-1 Antitrypsin (Alpha-1 Antitrypsin (SERPINA1)) antibody ([TA381365]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.