

Anti-SERPINA1 antibody (25-315) (STJ114355)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

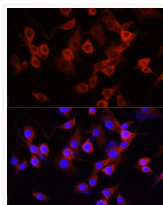
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 47kDa Observed Mw: 45kDa, 50kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

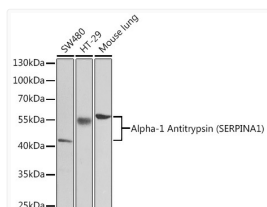
Gene ID	5265
Gene Symbol	SERPINA1
UniProt ID	A1AT_HUMAN
Immunogen Region	25-315
Immunogen Sequence	EDPQGDAAQKTDTSHHDDQH PTFNKITPNLAFAFSLYRQ LAHQSNSTNIFFSPVSIATA FAMLSLGTKADTHDEILEGL NFNLTEIPEAQIHEGFQELL RTLNQPDSQLQLTTGNGLFL SEGLKLVKDFLEDVKKLYHS EAFTVNFQDTEEAKKQINDY VEKGTQGGKIVDLVKELDRDT VFALVNYIFFKGKWERPFEV KDTEEDFHVDQVTTVKVPM MKRLGMFNIQHCKKLSSWV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 25-315 of human Alpha-1 Antitrypsin (Alpha-1 Antitrypsin (SERPINA1)) (NP_000286.3).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of PC-12 cells using Alpha-1 Antitrypsin (Alpha-1 Antitrypsin (SERPINA1)) antibody (STJ114355) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Alpha-1 Antitrypsin (Alpha-1 Antitrypsin (SERPINA1)) antibody (STJ114355) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.