

Anti-SERPINA1 antibody (156-418) (STJ25480)
STJ25480

GENERAL INFORMATION

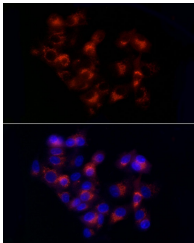
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

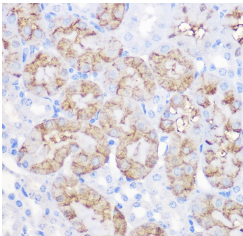
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

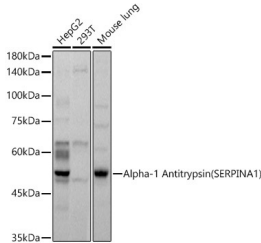
Gene ID	5265
Gene Symbol	SERPINA1
Uniprot ID	A1AT_HUMAN
Immunogen	
Immunogen Region	156-418
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 156-255 of human Alpha-1 Antitrypsin (SERPINA1) (NP_000286.3).
Immunogen Sequence	EDVKKLYHSEFTVNFQDTE EAKKQINDYVEKGTQGIKIVD LVKELDRDTVFALVNYIFFK GKWERPFVKDTEEDFHVD QVTVTKVPMKRLGMFNIQH



Immunofluorescence analysis of HepG2 cells using Alpha-1 Antitrypsin (SERPINA1) Rabbit polyclonal antibody (STJ25480) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using Alpha-1 Antitrypsin (SERPINA1) Rabbit polyclonal antibody (STJ25480) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using Alpha-1 Antitrypsin (SERPINA1) antibody (STJ25480) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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