

Anti-SERPINA3 antibody (24-423) (STJ116187)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

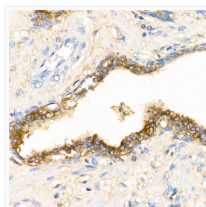
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:100-1:500 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 48kDa Observed Mw: 50-70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

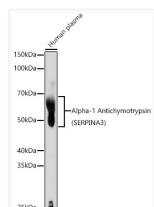
Gene ID	12
Gene Symbol	SERPINA3
UniProt ID	AACT_HUMAN
Immunogen Region	24-423
Immunogen Sequence	HPNSPLDEENLTQENQDRGT HVDLGLASANVDFAFSLYKQ LVLKAPDKNVIFSPLSISTA LAFSLSLGAHNTTLTEILKGL KFNLTETSEAEIHQSFOHLL RTLNQSSDELQLSMGNAMFV KEQLSLDRFTEDAKRLYGS EAFATDFQDSAAAKKLINDY VKNGTRGKITDLIKDLSQT MMVLVNYIFFKAKWEMPFDQ QDTHQSRFYLSKKKWVMVPM MSLHHLTIPYFRDEELSCT
Specificity	A synthetic peptide corresponding to a sequence within amino acids 24-423 of human Alpha-1 Antichymotrypsin (SERPINA3) (NP_001076.2).

ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of paraffin-embedded human prostate cancer using Alpha-1 Antichymotrypsin (SERPINA3) Rabbit polyclonal antibody (STJ116187) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Human plasma, using Alpha-1 Antichymotrypsin (SERPINA3) antibody (STJ116187) 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. Detection: ECL Basic Kit. Exposure time: 10s.