

SERPINC1 / Antithrombin III Antibody
Mouse Monoclonal Antibody
Catalog # ALS13670**Specification**

SERPINC1 / Antithrombin III Antibody - Product Information

Application	WB, IHC
Primary Accession	P01008
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	53kDa KDa

SERPINC1 / Antithrombin III Antibody - Additional Information**Gene ID** 462**Other Names**

Antithrombin-III, ATIII, Serpin C1, SERPINC1, AT3

Reconstitution & Storage

Long term: -20°C; Short term: -20°C

Precautions

SERPINC1 / Antithrombin III Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SERPINC1 / Antithrombin III Antibody - Protein Information**Name** SERPINC1**Synonyms** AT3**Function**

Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade (PubMed:15853774, PubMed:15140129). AT-III inhibits thrombin, matriptase-3/TMPRSS7, as well as factors IXa, Xa and XIa (PubMed:15140129). Its inhibitory activity is greatly enhanced in the presence of heparin.

Cellular Location

Secreted, extracellular space.

Tissue Location

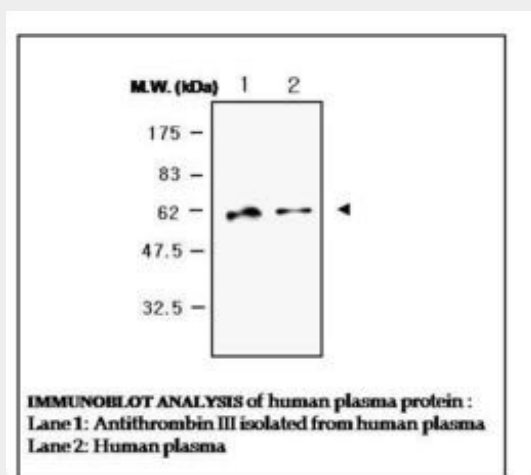
Found in plasma.

SERPINC1 / Antithrombin III Antibody - Protocols

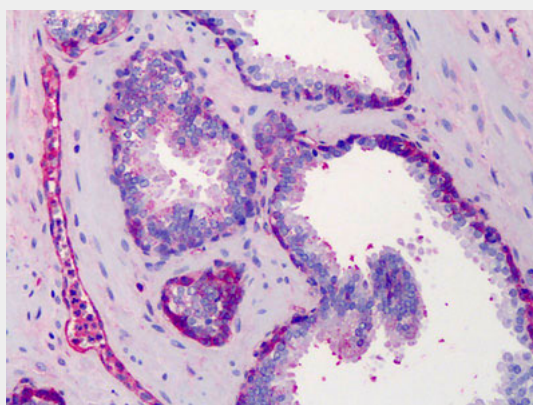
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SERPINC1 / Antithrombin III Antibody - Images



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Anti-Antithrombin III antibody IHC of human prostate.

SERPINC1 / Antithrombin III Antibody - Background

Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin, matrilysin-3/TMPRSS7, as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin.

SERPINC1 / Antithrombin III Antibody - References

Bock S.C., et al. Nucleic Acids Res. 10:8113-8125(1982).

Chandra T.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:1845-1848(1983).
Tsuji H.,et al.(In) Yoshida T.O., Wilson J.M. (eds.);
Olds R.J.,et al.Biochemistry 32:4216-4224(1993).
Zhang C.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.