

Product datasheet for **AM20859PU-N**

Antithrombin III (SERPINC1) Mouse Monoclonal Antibody [Clone ID: n.a]

Product data:

Product Type:	Primary Antibodies
Clone Name:	n.a
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 1/50. Western Blot: 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Antithrombin III protein purified from Human plasma
Specificity:	Recognizes Antithrombin-III (SERPINC1).
Formulation:	HEPES with 0.15M NaCl, 0.01% BSA, 0.03% Sodium Azide, and 50% Glycerol State: Purified State: Liquid purified Ig fraction
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serpin family C member 1
Database Link:	Entrez Gene 462 Human P01008



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Background:

Antithrombin III is a plasma protein synthesized in the liver and has molecular weight of 58kDa. Antithrombin III is a heparin-binding glycoprotein that acts as the major inhibitor of thrombin. Also it interferes with several plasma proteases, including kallikrein and factors IXa, Xa, XIa and XIIa, thereby playing a central role in regulating coagulation. It is also used as a therapeutic agent in patients with sepsis and disseminated intravascular coagulation. In addition, a number of recent studies have shown that antithrombin III has anti-inflammatory properties, which are independent of its effects on coagulation.

Synonyms:

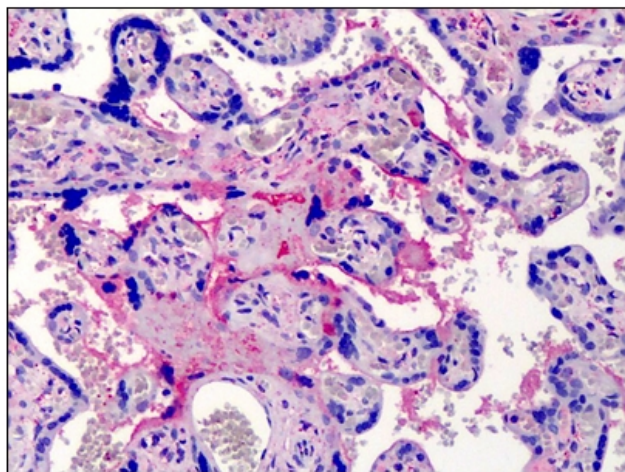
AT3, Serpin C1, ATIII

Protein Families:

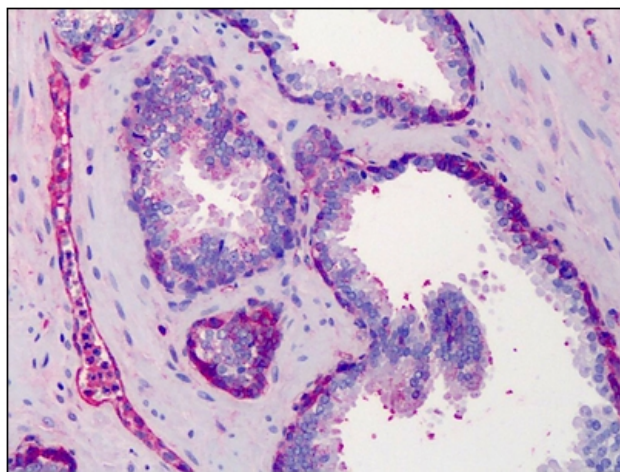
Druggable Genome, Secreted Protein

Protein Pathways:

Complement and coagulation cascades

Product images:

Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)