

SERPINC1 polyclonal antibody

Catalog # PAB19851 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against native SERPINC1.
Immunogen	Native purified SERPINC1 from human plasma.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (0.02% sodium azide, 50% glycerol (v/v))
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme Immunoassay

Gene Info — SERPINC1

Entrez GeneID [462](#)

Gene Name SERPINC1

Gene Alias	AT3, ATIII, MGC22579
Gene Description	serpin peptidase inhibitor, clade C (antithrombin), member 1
Omim ID	107300
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a plasma protease inhibitor and a member of the serpin superfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulation system, and it regulates the blood coagulation cascade. The protein includes two functional domains: the heparin binding-domain at the N-terminus of the mature protein, and the reactive site domain at the C-terminus. The inhibitory activity is enhanced by the presence of heparin. More than 120 mutations have been identified for this gene, many of which are known to cause antithrombin-III deficiency. [provided by RefSeq]
Other Designations	OTTHUMP00000035393 antithrombin (aa 375-432) antithrombin III coding sequence signal peptide antithrombin part 1 serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1 signal peptide antithrombin part 1

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Antithrombin III Deficiency](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Thrombosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)

- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Thrombophilia](#)
- [Venous Thrombosis](#)