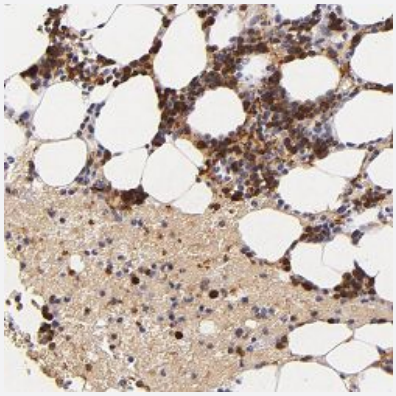
SERPINC1 polyclonal antibody

Catalog # PAB28488 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with SERPINC1 polyclonal antibody (Cat # PAB28488) shows strong cytoplasmic positivity in bone marrow poietic cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SERPINC1.
Immunogen	Recombinant protein corresponding to amino acids of human SERPINC1
Sequence	HGSPVDICTAKPRDIPMNPMCIYRSPEKKATEDEGSEQKIPEATNRRVWELSKANSRFATTFYQHL ADSKNDNDNIFLSPLSISTAFAMTKLGACNDTLQQLMEVFKFDTISEKTSDQIHFFFAKLNCRLYR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — SERPINC1

Entrez GeneID	462
Protein Accession#	P01008
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 sup erfamily. This protein inhibits thrombin as well as other activated serine proteases of the coagulati on system, and it regulates the blood coagulation cascade. The protein includes two functional do mains: the heparin binding-domain at the N-terminus of the mature protein, and the reactive site d omain 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 pepti de 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