

Anti-SERPINC1 Monoclonal Antibody

Catalog # ABO14419

Product Information

Application	WB, IF, ICC
Primary Accession	P01008
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-SERPINC1 Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

Additional Information

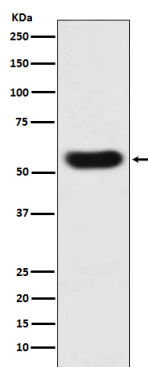
Gene ID	462
Other Names	Antithrombin-III, ATIII, Serpin C1, SERPINC1, AT3
Calculated MW	52602
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ACCA-19
Immunogen	A synthesized peptide derived from human SERPINC1 Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	SERPINC1
Synonyms	AT3

Function	Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade (PubMed: 15140129 , PubMed: 15853774). AT-III inhibits thrombin, matrilysin-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.

Images



Western blot analysis of SERPINC1 expression in human plasma lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.