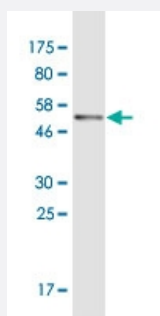


SERPINC1 monoclonal antibody (M01), clone 3G9

Catalog # H00000462-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (54.23 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SERPINC1.
Immunogen	SERPINC1 (AAH22309.1, 1 a.a. ~ 259 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MYSNVIGTVTSGKRKVYLLSLLLIGFWDCVTCHGSPVDICTAEPRDIPMNPNCIYRSPEKKATEDE GSEQKIPEATNRRVWELSKANSRFATTFYQHLADSKNDNDNIFLSPLSISTAFAMTKLGACNDTLQ QLMEVFKFDTISEKTSDQIHFFFAKLCRLYRKANKSSKLVSANRLFGDKSLTFNDLYVSDAFHKA FLEVNEEGSEAAASTAVVIAGRSLNPNRVTFKANRPFLVFIREVPLNTIIFMGRVANPCVK
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.23 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SERPINC1

Entrez GeneID	462
GeneBank Accession#	BC022309
Protein Accession#	AAH22309.1
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](#)