

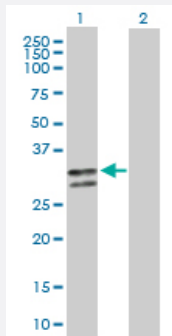
MaxPab®

SERPINC1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000462-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SERPINC1 expression in transfected 293T cell line ([H00000462-T02](#)) by SERPINC1 MaxPab polyclonal antibody.

Lane 1: SERPINC1 transfected lysate(29.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SERPINC1 protein.
Immunogen	SERPINC1 (AAH22309.1, 1 a.a. ~ 259 a.a) full-length human protein.
Sequence	MYSNVIGTVTSGKRKVYLLSLLLIGFWDCVTCHGSPVDICTAKPRDIPMNP MCIYRSPEKKATEDE GSEQKIP EATNRRVWELSKANSRFATTFYQHLADSKNDNDNIFLSPLSISTAFAMTKLGACNDTLQ QLMEVFKFDTISEKTS DQIHFFFAKLNCRLYRKANKSSKLVSANRLFGDKSLTFNDLYVSDAFHKA FLEVNEEGSEAAASTAVVIAGRSLNPNRVTFKANRPFLVFIREVPLNTIIFMGRVANPCVK
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — SERPINC1

Entrez GeneID [462](#)

GeneBank Accession# [BC022309.1](#)

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](#)