

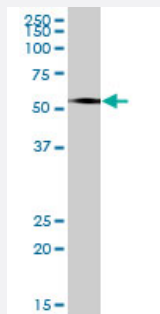
MaxPab®

# SERPINC1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000462-B01P

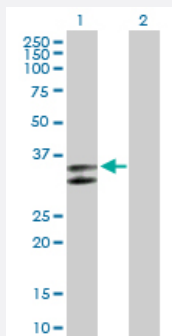
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

SERPINC1 MaxPab polyclonal antibody. Western Blot analysis of SERPINC1 expression in human kidney.



### Western Blot (Transfected lysate)

Western Blot analysis of SERPINC1 expression in transfected 293T cell line ([H00000462-T01](#)) by SERPINC1 MaxPab polyclonal antibody.

Lane 1: SERPINC1 transfected lysate(28.49 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                     |                                                                                                                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Mouse 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            | MYSNVIGTVTSGKRKVYLLSLLIGFWDCVTCHGSPVDICTAKPRDIPMNPMMCIRYSPEKKATEDE<br>GSEQKIPEATNRRVWELSKANSRFATTFYQHLADSKNDNDNIFLSPLSISTAFAMTKLGACNDTLQ<br>QLMEVFKFDTISEKTSQIHFFFAKLNCRLYRKANKSSKLVSANRLF GDKSLTFNDLYVSDAFHKA<br>FLEVNEEGSEAAASTAVVIAGRSLNPNRVTFKANRPFLVFIREVPLNTIIFMGRVANPCVK |
| Host                | Mouse                                                                                                                                                                                                                                                                           |
| 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. |

## Applications

- Western Blot (Tissue lysate)

SERPINC1 MaxPab polyclonal antibody. Western Blot analysis of SERPINC1 expression in human kidney.

[Protocol Download](#)

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Western Blot analysis of SERPINC1 expression in transfected 293T cell line ([H00000462-T01](#)) by SERPINC1 MaxPab polyclonal antibody.

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[Protocol Download](#)

## Gene Info — SERPINC1

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| Entrez GeneID       | <a href="#">462</a>                                          |
| GeneBank Accession# | <a href="#">BC022309.1</a>                                   |
| Protein Accession#  | <a href="#">AAH22309.1</a>                                   |
| Gene Name           | SERPINC1                                                     |
| Gene Alias          | AT3, ATIII, MGC22579                                         |
| Gene Description    | serpin peptidase inhibitor, clade C (antithrombin), member 1 |
| Omim ID             | <a href="#">107300</a>                                       |
| Gene Ontology       | <a href="#">Hyperlink</a>                                    |

**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](#)