



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**PROS1 purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00005627-B01P

規格 : [ 50 ug ]

[List All](#)

**Specification**

**Product Description:** Mouse polyclonal antibody raised against a full-length human PROS1 protein.

**Immunogen:** PROS1 (AAH15801.1, 1 a.a. ~ 676 a.a) full-length human protein.

**Sequence:**  
 MRVLGGRCGALLACLLLVPVSEANFLSKQQASQVLVRKRRANSLEET  
 KQGNLERECIEELCNKEEAREVFENDPETDYFYPKYLVLRSFQTGLFT  
 AARQSTNAYPDLRSCVNAIPDQCSPLPCNEDGYMSCKDGKASFTCTCK  
 PGWQGEKCEF DINECKDPSNINGGCSQICDNTPGSYHC SCKNGFVMLSN  
 KKDCKDVDECSLKPSICGTAVCKNIPGDFECECEGYRYNLKSKCEDID  
 ECSENMAQLCVNYPGGYTCYCDGKKGFKLAQDQKSCEVSVCLPLNL  
 DTKYELLYLAEQFAGVWLYLKFRLPEISRFSAEFDRTYDSEGVIYAESI  
 DHSAWLLIALRGGKIEVQLKNEHTSKITGGDVINGLWNMVSVEELEHSI  
 SIKIAKEAVMDINKPGPLFKPENGLLETKVYFAGFPRKVESELKIPINPRLD  
 GCIRSWNLMKQGASGIKEIQEKQNKHCLVTVEKGSYYPGSGIAQFHIDYN  
 NVSSAEGWHVNTLNIRPSTGTGVMALVSGNNTVPFVAVSLVDSTSEKS  
 QDILLSVENTVIYRIQALSLCSDQQSHLEFRVNRNLELSTPLKIETISHEDL  
 QRQLAVLDKAMKAKVATYLGGLPDVVPF SATPVNAFYNGCMEVNINGVQL  
 DLDEAISKHNDIRAHSCPSVWKKTKNS

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

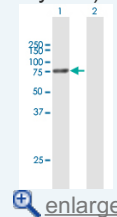
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

**Application Image**

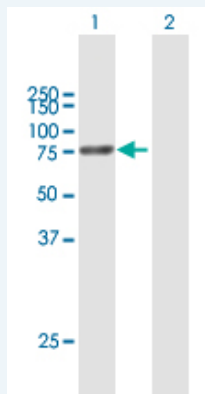
Western Blot (Transfected lysate)



 [enlarge](#)

**Applications**

Western Blot (Transfected lysate)



Western Blot analysis of PROS1 expression in transfected 293T cell line (H00005627-T01)

by PROS1 MaxPab polyclonal antibody.

Lane 1: PROS1 transfected lysate(74.36 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [5627](#)

**GeneBank** [BC015801.1](#)

**Accession#:**

**Protein** [AAH15801.1](#)

**Accession#:**

**Gene Name:** PROS1

**Gene Alias:** PROS,PS21,PS22,PS23,PS24,PS25,PSA

**Gene** protein S (alpha)

**Description:**

**Omim ID:** [176880](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3. [provided by RefSeq]

**Other** protein S, alpha,protein Sa

**Designations:**

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## Gene Pathway

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[Complement and coagulation cascades](#)

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## Related Disease

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[Abortion](#), [Spontaneous Cardiovascular Diseases](#), [Carotid Stenosis](#), [Chorioamnionitis](#), [Coronary Disease](#), [Fetal Membranes, Premature Rupture](#), [Genetic Predisposition to Disease](#), [Inflammation](#), [Obstetric Labor, Premature Pre-Eclampsia](#), [Pregnancy Complications](#), [Hematologic](#), [Premature Birth](#), [Protein S Deficiency](#), [Stroke](#), [Thrombophilia](#), [Thrombosis](#), [Venous Thrombosis](#)

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