



# 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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# SERPINH1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000871-B01P

規格 : [ 50 ug ]

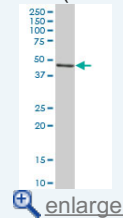
[List All](#)

## Specification

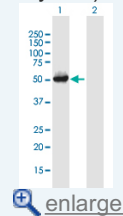
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human SERPINH1 protein.
<b>Immunogen:</b>	SERPINH1 (NP_001226.2, 1 a.a. ~ 418 a.a) full-length human protein.
<b>Sequence:</b>	MRSLLLLSAFCLLEAALAAEVKKPAAAAAPGTAEKLSPKAATLAERSAGL AFSLYQAMAKDQAVENILVSPVWVASSLGLVSLGGKATTASQAKAVLSAE QLRDEEVHAGLGELLRSLSNSTARNTWKLSRLYGPSSVSFADDFVR SSKQHYNCEHSKINFRDKRSALQSINEWAAQTTDGKLEPVTKDVERTDG ALLVNAMFFKPHWDEKFHHKMDNRGFMVTRSYTVGMMMHRHTGLYN YYDDEKEKLQIVEMPLAHLSSLIILMPHIVEPLERLEKLLTKEQLKIWMGK MQKKAVALSLPGVWEVTHDLQKHLAGLGLTEAIDKNKADLSRMSGKKDL YLASVFHATAFELDTDGNPFDQDIYGREELRSPKLFYADHPFIFLVRDTQ SGSLLFIGRLVPRPKGDKMRDEL
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	<a href="#">Download</a>
<b>Datasheet:</b>	<a href="#">Download</a>

## Application Image

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

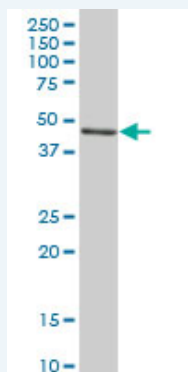


Immunofluorescence



## Applications

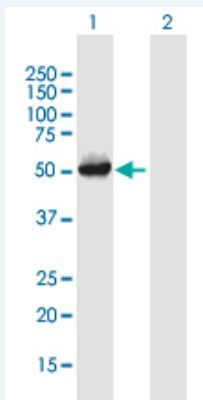
Western Blot (Tissue lysate)



SERPINH1 MaxPab polyclonal antibody. Western Blot analysis of SERPINH1 expression in human pancreas.

[Protocol Download](#)

Western Blot (Transfected lysate)

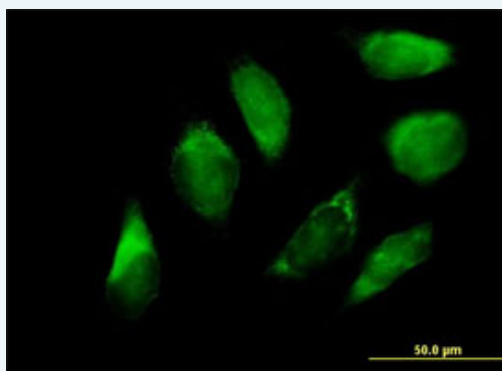


Western Blot analysis of SERPINH1 expression in transfected 293T cell line ([H00000871-T01](#)) by SERPINH1 MaxPab polyclonal antibody.

Lane 1: SERPINH1 transfected lysate(45.98 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to SERPINH1 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Gene Information

Entrez GeneID: [871](#)

GeneBank [NM\\_001235](#)  
Accession#:

Protein [NP\\_001226.2](#)  
Accession#:

Gene Name: SERPINH1

Gene Alias: AsTP3,CBP1,CBP2,HSP47,PIG14,PPROM,RA-A47,SERPINH2,gp46

Gene Description: serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)

Omim ID: [600943](#), [610504](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. Its expression is induced by heat shock. The protein localizes to the endoplasmic reticulum lumen and binds collagen; thus it is thought to be a molecular chaperone involved in the maturation of collagen molecules. Autoantibodies to this protein have been found in patients with rheumatoid arthritis. [provided by RefSeq]

**Other** arsenic-transactivated protein 3, colligin-1, colligin-2, proliferation-inducing gene 14, rheumatoid arthritis antigen A-47, serine (or cysteine)  
**Designations:** proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1), serine (or cysteine)

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### **Related Disease**

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[Fetal Membranes, Premature Rupture](#) [Genetic Predisposition to Disease](#) [Infection](#)  
[Inflammation](#) [Musculoskeletal Diseases](#) [Pregnancy Complications, Hematologic](#)  
[Premature Birth](#) [Skin Diseases](#)

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