



# SZABO SCANDIC

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## Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CST1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001469-B01P

規格 : [ 50 ug ]

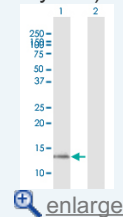
[List All](#)

### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human CST1 protein.
<b>Immunogen:</b>	CST1 (NP_001889.2, 1 a.a. ~ 141 a.a) full-length human protein.
<b>Sequence:</b>	MAQYLSTLLLLLATALVALAWSPKEEDRIIPGGIYNADLNDEWVQRALHF AISEYNKATKDDYYRRPLRVLRLARQQTVGGVNYFFDVEVGRITICTKSQP NLDTCAFHEQPELQKKQLCSFEIYVWPWENRRSLVKSRCQES
<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 (Transfected lysate)



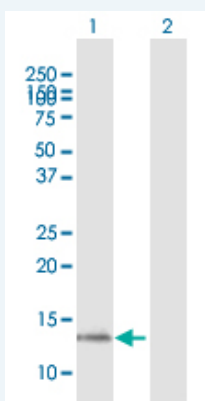
[enlarge](#)

### Publication Reference

- Cystatin SN Upregulation in Patients with Seasonal Allergic Rhinitis.  
Imoto Y, Tokunaga T, Matsumoto Y, Hamada Y, Ono M, Yamada T, Ito Y, Arinami T, Okano M, Noguchi E, Fujieda S. *PLoS One*. 2013;8(8):e67057. doi: 10.1371/journal.pone.0067057.
- Upregulation of the cysteine protease inhibitor, Cystatin SN, contributes to cell proliferation and cathepsin inhibition in gastric cancer.  
Choi EH, Kim JT, Kim JH, Kim SY, Song EY, Kim JW, Kim SY, Yeom YI, Kim IH, Lee HG. *Clin Chim Acta*. 2009 Aug;406(1-2):45-51. Epub 2009 May 19.

### Applications

#### Western Blot (Transfected lysate)



Western Blot analysis of CST1 expression in transfected 293T cell line (H00001469-T01) by CST1 MaxPab polyclonal antibody.

Lane 1: CST1 transfected lysate(15.51 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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### Gene Information

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**Entrez GeneID:** [1469](#)

**GeneBank  
Accession#:** [NM\\_001898.2](#)

**Protein  
Accession#:** [NP\\_001889.2](#)

**Gene Name:** CST1

**Gene Alias:** -

**Gene  
Description:** cystatin SN

**Omim ID:** [123855](#)

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

**Gene Summary:** The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a cysteine proteinase inhibitor found in saliva, tears, urine, and seminal fluid. [provided by RefSeq]

**Other  
Designations:** OTTHUMP00000030444,OTTHUMP00000164184,cystatin 1,cystatin SA-I,cysteine proteinase inhibitor, type 2 family

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### Related Disease

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