



# SZABO SCANDIC

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## 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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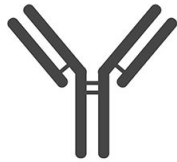
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[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP57799_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/serpinb8-antibody-n-terminal-region-fitc-arp57799-p050-fitc.html">www.avivasysbio.com/serpinb8-antibody-n-terminal-region-fitc-arp57799-p050-fitc.html</a>
Name	SERPINB8 Antibody - N-terminal region : FITC (ARP57799_P050-FITC)
Protein Size (# AA)	374 amino acids
Molecular Weight	41kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5271
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	serpin peptidase inhibitor, clade B (ovalbumin), member 8
Alias Symbols	PI8, CAP2, PI-8, PSS5, C18orf53
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">TAAQMSQALCLYKDGDIHRGFQSLSEVNRTGTQYLLRTANRLFGEKTC</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The superfamily of high molecular weight serine proteinase inhibitors (serpins) regulate a diverse set of intracellular and extracellular processes such as complement activation, fibrinolysis, coagulation, cellular differentiation, tumor suppression, apoptosis, and cell migration. Serpins are characterized by well-conserved a tertiary structure that consists of 3 beta sheets and 8 or 9 alpha helices (Huber and Carrell, 1989 [PubMed 2690952]). A critical portion of the molecule, the reactive center loop connects beta sheets A and C. Protease inhibitor-8 (PI8; SERPINB8) is a member of the ov-serpin subfamily, which, relative to the archetypal serpin PI1 (MIM 107400), is characterized by a high degree of homology to chicken ovalbumin, lack of N- and C-terminal extensions, absence of a signal peptide, and a serine rather than an asparagine residue at the penultimate position (summary by Bartuski et al., 1997 [PubMed 9268635]).
Protein Interactions	SUMO2; LARS; UBC; CAP1; PRSS1; F10; F2; FURIN; BCL2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-SERPINB8 (ARP57799_P050-FITC) antibody</a>
Blocking Peptide	For anti-SERPINB8 (ARP57799_P050-FITC) antibody is <a href="#">Catalog# AAP57799</a>
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human SERPINB8
Uniprot ID	<a href="#">P50452</a>
Protein Name	Serpin B8
Protein Accession #	<a href="#">NP_942130</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_198833</a>
Gene Symbol	<a href="#">SERPINB8</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 90%; Dog: 79%; Horse: 86%; Human: 100%; Mouse: 92%; Pig: 86%; Rabbit: 79%; Rat: 86%

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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