



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

Product Number	ARP55035_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/hspb8-antibody-n-terminal-region-fitc-arp55035-p050-fitc.html">www.avivasysbio.com/hspb8-antibody-n-terminal-region-fitc-arp55035-p050-fitc.html</a>
Name	HSPB8 Antibody - N-terminal region : FITC (ARP55035_P050-FITC)
Protein Size (# AA)	196 amino acids
Molecular Weight	21kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	26353
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Heat shock 22kDa protein 8
Alias Symbols	H11, HMN2, CMT2L, DHMN2, E2IG1, HMN2A, HSP22
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">ADGQMPFSCHYPSRLRRDPFRDPSLSSRLDDGFGMDPFPDDLTA SWPDW</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Carra,S., (2008) Autophagy 4 (2), 237-239
Description of Target	HSPB8 belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of HSPB8 protein is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, HSPB8 appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in the encoding HSPB8 gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	QRICH1; HSPB7; DUSP12; BAG3; ASB4; UBC; CIAPIN1; DSTN; HSPB6; HSPB3; SNCA; CRYAB; HSPB1; HSPB8; MAPK3; PRKCA; CSNK2A1; HSPB2;
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-HSPB8 (ARP55035_P050-FITC) antibody</a>
Blocking Peptide	For anti-HSPB8 (ARP55035_P050-FITC) antibody is <a href="#">Catalog # AAP55035</a> (Previous Catalog # AAPP32296)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HSPB8
Uniprot ID	<a href="#">Q9UJY1</a>
Protein Name	Heat shock protein beta-8
Protein Accession #	<a href="#">NP_055180</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_014365</a>
Gene Symbol	<a href="#">HSPB8</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%
<b>Image 1</b>	

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.

---

AVIVA SYSTEMS BIOLOGY  
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)