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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Product Number	ARP55036_P050-Biotin
Product Page	www.avivasysbio.com/hspb8-antibody-middle-region-biotin-arp55036-p050-biotin.html
Name	HSPB8 Antibody - middle region : Biotin (ARP55036_P050-Biotin)
Protein Size (# AA)	196 amino acids
Molecular Weight	21
Conjugation	Biotin
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: PEELMVKTKDGYVEVSGKHEEKQEGGIVSKNFTKKIQLPAEVDPTVEA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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.
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 anti-HSPB8 (ARP55036_P050-Biotin) antibody
Blocking Peptide	For anti-HSPB8 (ARP55036_P050-Biotin) antibody is Catalog# AAP55036 (Previous Catalog# AAPP32645)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HSPB8
Uniprot ID	Q9UJY1
Protein Name	Heat shock protein beta-8
Sample Type Confirmation	HSPB8 is supported by BioGPS gene expression data to be expressed in ACHN
Protein Accession #	NP_055180
Purification	Affinity Purified
Nucleotide Accession #	NM_014365
Gene Symbol	HSPB8
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 77%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com