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Produktinformation



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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

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| | |
|----------------------------|--|
| Product Number | ARP55035_P050-Biotin |
| Product Page | www.avivasysbio.com/hspb8-antibody-n-terminal-region-biotin-arp55035-p050-biotin.html |
| Name | HSPB8 Antibody - N-terminal region : Biotin (ARP55035_P050-Biotin) |
| Protein Size (# AA) | 196 amino acids |
| Molecular Weight | 21kDa |
| 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: ADGQMPFSCHYPSRLRRDPFRDPSLSSRLDDGFGMDPFPDDLTA SWPDW |
| 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 anti-HSPB8 (ARP55035_P050-Biotin) antibody |
| Blocking Peptide | For anti-HSPB8 (ARP55035_P050-Biotin) antibody is Catalog # AAP55035 (Previous Catalog # AAPP32296) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human HSPB8 |
| Uniprot ID | Q9UJY1 |
| Protein Name | Heat shock protein beta-8 |
| Protein Accession # | NP_055180 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_014365 |
| Gene Symbol | HSPB8 |

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|---|---|
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100% |
| 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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