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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

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| | |
|------------------------------|---|
| Product Number | ARP56903_P050-Biotin |
| Product Page | www.avivasysbio.com/hikeshi-antibody-middle-region-biotin-arp56903-p050-biotin.html |
| Name | HIKESHI Antibody - middle region : Biotin (ARP56903_P050-Biotin) |
| Protein Size (# AA) | 197 amino acids |
| Molecular Weight | 21kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 51501 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Hikeshi, heat shock protein nuclear import factor |
| Alias Symbols | HLD13, L7RN6, OPI10, HSPC138, HSPC179, C11orf73 |
| Peptide Sequence | Synthetic peptide located within the following region: DNEYNFASSEFAVSQAQMTSPSEMFI PANVVLK WYENFQRRLAQNP LFWK |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | This gene encodes an evolutionarily conserved nuclear transport receptor that mediates heat-shock-induced nuclear import of 70 kDa heat-shock proteins (Hsp70s) through interactions with FG-nucleoporins. The protein mediates transport of the ATP form but not the ADP form of Hsp70 proteins under conditions of heat shock stress. Structural analyses demonstrate that the protein forms an asymmetric homodimer and that the N-terminal domain consists of a jelly-roll/beta-sandwich fold structure that contains hydrophobic pockets involved in FG-nucleoporin recognition. Reduction of RNA expression levels in HeLa cells using small interfering RNAs results in inhibition of heat shock-induced nuclear accumulation of Hsp70s, indicating a role for this gene in regulation of Hsp70 nuclear import during heat shock stress. |
| Protein Interactions | APP; UBC; |
| 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-HIKESHI (ARP56903_P050-Biotin) antibody |
| Blocking Peptide | For anti-HIKESHI (ARP56903_P050-Biotin) antibody is Catalog # AAP56903 (Previous Catalog # AAPP39901) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human C11orf73 |
| Uniprot ID | Q53FT3 |
| Protein Name | protein Hikeshi |
| Protein Accession # | NP_057485 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_016401 |
| Gene Symbol | HIKESHI |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Yeast, Zebrafish |
| Application | WB |

| | |
|---|---|
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 90%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Yeast: 90%; Zebrafish: 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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