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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-HRP
Product Page	www.avivasysbio.com/hikeshi-antibody-middle-region-hrp-arp56903-p050-hrp.html
Name	HIKESHI Antibody - middle region : HRP (ARP56903_P050-HRP)
Protein Size (# AA)	197 amino acids
Molecular Weight	21kDa
Conjugation	HRP: Horseradish Peroxidase
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 WYENFQRRLAQNPLFWK
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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-HRP) antibody
Blocking Peptide	For anti-HIKESHI (ARP56903_P050-HRP) 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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