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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55382_P050-Biotin
Product Page	www.avivasysbio.com/hspa2-antibody-middle-region-biotin-arp55382-p050-biotin.html
Name	HSPA2 Antibody - middle region : Biotin (ARP55382_P050-Biotin)
Protein Size (# AA)	639 amino acids
Molecular Weight	70kDa
Conjugation	Biotin
NCBI Gene Id	3306
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Heat shock 70kDa protein 2
Alias Symbols	HSP70-2, HSP70-3
Peptide Sequence	Synthetic peptide located within the following region: ITITNDKGRLSKDDIDRMVQEAERYKSEDEANRDRVAAKNALESYTYNIK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lee,S.H., (er) Dig. Dis. Sci. (2007) In press
Description of Target	HSPA2 belongs to the heat shock protein 70 family. In cooperation with other chaperones, HSPA2 stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage.
Protein Interactions	HSPBP1; TRIM38; TP53; UBC; CEP76; HAUS2; CEP250; SAE1; CEP57; AURKA; SUMO2; SUMO3; CDKN1A; STUB1; BAG4; HSPA8; LGR4; PARK2; EGFR; BAG3; HDAC6; UBL4A; PPP1CC; NOS2; CFTR; METTL21B; METTL21A; MAP1LC3A; HSP90AA1; HSPA1A; EEF1A1; APP; MEOX2; EWSR1; FBXO25; SI
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-HSPA2 (ARP55382_P050-Biotin) antibody
Blocking Peptide	For anti-HSPA2 (ARP55382_P050-Biotin) antibody is Catalog # AAP55382 (Previous Catalog # AAPP33254)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HSPA2
Uniprot ID	P54652
Protein Name	Heat shock-related 70 kDa protein 2
Sample Type Confirmation	HSPA2 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_068814
Purification	Affinity Purified
Nucleotide Accession #	NM_021979
Gene Symbol	HSPA2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 79%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 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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