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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54851_P050-Biotin
Product Page	www.avivasysbio.com/ddah1-antibody-middle-region-biotin-arp54851-p050-biotin.html
Name	DDAH1 Antibody - middle region : Biotin (ARP54851_P050-Biotin)
Protein Size (# AA)	285 amino acids
Molecular Weight	31kDa
Conjugation	Biotin
NCBI Gene Id	23576
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Dimethylarginine dimethylaminohydrolase 1
Alias Symbols	DDAH, DDAHI, DDAH-1, HEL-S-16
Peptide Sequence	Synthetic peptide located within the following region: ALEKLQLNIVEMKDENATLDGGDVLFTGREFFVGLSKRTNORGAEILADT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kim, Y.J., (2008) Twin Res Hum Genet 11 (1), 77-83
Description of Target	DDAH1 belongs to the dimethylarginine dimethylaminohydrolase (DDAH) family. This enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. Sequence Note: AB001915.1 is a chimeric sequence. Only the DDAH1 region was propagated into this RefSeq record. [6/17/03, RefSeq staff]. 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	PSMD10; IQCB1; ELAVL1; CALM1;
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-DDAH1 (ARP54851_P050-Biotin) antibody
Additional Information	IHC Information: Paraffin embedded kidney tissue, tested with an antibody dilution of 2.5 ug/ml.
Blocking Peptide	For anti-DDAH1 (ARP54851_P050-Biotin) antibody is Catalog # AAP54851 (Previous Catalog # AAPP31655)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DDAH1
Uniprot ID	O94760
Protein Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
Protein Accession #	NP_036269
Purification	Affinity Purified
Nucleotide Accession #	NM_012137
Gene Symbol	DDAH1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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