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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|-------------------------------------|--|
| Product Number | ARP54851_P050-FITC |
| Product Page | www.avivasysbio.com/ddah1-antibody-middle-region-fitc-arp54851-p050-fitc.html |
| Name | DDAH1 Antibody - middle region : FITC (ARP54851_P050-FITC) |
| Protein Size (# AA) | 285 amino acids |
| Molecular Weight | 31kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| 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-FITC) 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-FITC) 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 |  |

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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