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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58611_P050-HRP
Product Page	www.avivasysbio.com/ddah2-antibody-n-terminal-region-hrp-arp58611-p050-hrp.html
Name	DDAH2 Antibody - N-terminal region : HRP (ARP58611_P050-HRP)
Protein Size (# AA)	285 amino acids
Molecular Weight	31kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	23564
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Dimethylarginine dimethylaminohydrolase 2
Alias Symbols	G6a, DDAH, NG30, DDAHII, HEL-S-277
Peptide Sequence	Synthetic peptide located within the following region: MGTPGEGLRGCSHALIRGVPELSASGEGAGAGLPALDLAKAQREHGVLGG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Kim, Y.J., (2008) Twin Res Hum Genet 11 (1), 77-83
Description of Target	DDAH2 hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)-monomethyl-L-arginine (MMA) which act as inhibitors of NOS. DDAH2 has therefore a role in nitric oxide generation. 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. 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	VAC14; UBC; TRIP13; VCAM1; FN1; CDC73; TAF1D; ZAK; DNAJB11; GADD45G; RPS6KA5; TSC22D1; TNFSF11; MKNK1; TK1; STK3; SMN1; RPS6KA1; RAP1B; PIN1; RCC1; CDKN1A; CDK4; ATP1B1; ANXA7;
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-DDAH2 (ARP58611_P050-HRP) antibody
Additional Information	IHC Information: Uterus, Human: Formalin-Fixed, Paraffin-Embedded (FFPE) IHC Information: Uterus, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)
Blocking Peptide	For anti-DDAH2 (ARP58611_P050-HRP) antibody is Catalog # AAP58611 (Previous Catalog # AAPP35748)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDAH2
Uniprot ID	O95865
Protein Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2
Protein Accession #	NP_039268
Purification	Affinity Purified
Nucleotide Accession #	NM_013974
Gene Symbol	DDAH2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 79%; Rat: 100%
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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