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Produktinformation



Forschungsprodukte & Biochemikalien



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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	ARP55066_P050-Biotin
Product Page	www.avivasysbio.com/dhdh-antibody-middle-region-biotin-arp55066-p050-biotin.html
Name	DHDH Antibody - middle region : Biotin (ARP55066_P050-Biotin)
Protein Size (# AA)	334 amino acids
Molecular Weight	36kDa
Conjugation	Biotin
NCBI Gene Id	27294
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Dihydrodiol dehydrogenase (dimeric)
Alias Symbols	2DD, HUM2DD
Peptide Sequence	Synthetic peptide located within the following region: PCWCPTLVVKGEHKEFPLPPVPKDCNFDNGAGMSYEAKHVWECLRKGMK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Aoki,S., Chem. Biol. Interact. 130-132 (1-3), 775-784 (2001)
Description of Target	DHDH is an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction. This gene encodes an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction.
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-DHDH (ARP55066_P050-Biotin) antibody
Blocking Peptide	For anti-DHDH (ARP55066_P050-Biotin) antibody is Catalog# AAP55066 (Previous Catalog# AAPP32675)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DHDH
Uniprot ID	Q9UQ10
Protein Name	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
Protein Accession #	NP_055290
Purification	Affinity Purified
Nucleotide Accession #	NM_014475
Gene Symbol	DHDH
Predicted Species Reactivity	Human, Cow, Dog, Horse, Pig, Yeast
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 92%; Horse: 92%; Human: 100%; Pig: 85%; Yeast: 90%
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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