



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP55066_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/dhdh-antibody-middle-region-fitc-arp55066-p050-fitc.html">www.avivasysbio.com/dhdh-antibody-middle-region-fitc-arp55066-p050-fitc.html</a>
<b>Name</b>	DHDH Antibody - middle region : FITC (ARP55066_P050-FITC)
<b>Protein Size (# AA)</b>	334 amino acids
<b>Molecular Weight</b>	36kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	27294
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Dihydrodiol dehydrogenase (dimeric)
<b>Alias Symbols</b>	2DD, HUM2DD
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">PCWCPTLVVKGEHKEFPLPPVPKDCNFDNGAGMSYEAKHVWECLRKGMK</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Reference</b>	Aoki,S., Chem. Biol. Interact. 130-132 (1-3), 775-784 (2001)
<b>Description of Target</b>	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.
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-DHDH (ARP55066_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-DHDH (ARP55066_P050-FITC) antibody is <a href="#">Catalog# AAP55066</a> (Previous Catalog# AAPP32675)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human DHDH
<b>Uniprot ID</b>	<a href="#">Q9UQ10</a>
<b>Protein Name</b>	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
<b>Protein Accession #</b>	<a href="#">NP_055290</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_014475</a>
<b>Gene Symbol</b>	<a href="#">DHDH</a>
<b>Predicted Species Reactivity</b>	Human, Cow, Dog, Horse, Pig, Yeast
<b>Application</b>	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 92%; Dog: 92%; Horse: 92%; Human: 100%; Pig: 85%; Yeast: 90%
<b>Image 1</b>	

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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