

DHODH antibody - middle region (ARP41941_P050)

Data Sheet


Product Number	ARP41941_P050
Product Name	DHODH antibody - middle region (ARP41941_P050)
Size	50ug
Gene Symbol	DHODH
Alias Symbols	DHodehase; URA1; POADS
Nucleotide Accession#	NM_001361
Protein Size (# AA)	395 amino acids
Molecular Weight	42kDa
Product Format	Lyophilized powder
NCBI Gene Id	1723
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Dihydroorotate dehydrogenase (quinone)
Description	This is a rabbit polyclonal antibody against DHODH. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: NLGKNKTSVDAAEDYAEGVRVLGPLADYLVVNVSSPNTAGLRSLQGKAEL
Target Reference	Small,Y.A., (2006) J Phys Chem B 110 (39), 19704-19710
Description of Target	DHODH catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. It is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. 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.
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-DHODH antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-DHODH antibody is Catalog # AAP41941 (Previous Catalog # AAPP24478)
Immunogen	The immunogen for anti-DHODH antibody: synthetic peptide directed towards the middle region of human DHODH
Swissprot Id	Q02127
Protein Name	Dihydroorotate dehydrogenase (quinone), mitochondrial
Sample Type Confirmation	DHODH is supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_001352
Purification	Affinity Purified
Species Reactivity	Dog, Mouse, Pig, Horse, Rabbit, Bovine, Human, Rat, Guinea pig, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%; Zebrafish: 86%
	Human HepG2 <div>  </div>
	WB Suggested Anti-DHODH Antibody Titration:

Image 1



0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: HepG2 cell lysate

DHODH is supported by BioGPS gene expression data to be expressed in HepG2

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.