

OriGene Technologies, Inc.

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Product datasheet for TA346257

DHODH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DHODH antibody: synthetic peptide directed towards the N terminal of human DHODH. Synthetic peptide located within the following region: GEAVDGLYKMGFGFVEIGSVTPKPQEGNPRPRVFRLPEDQAVINRYGFNS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	dihydroorotate dehydrogenase (quinone)
Database Link:	<u>NP_001352</u> <u>Entrez Gene 1723 Human</u> <u>Q02127</u>

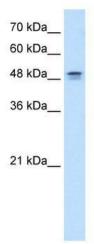


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DHODH Rabbit Polyclonal Antibody – TA346257

Background:	DHODH 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. 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. 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. Alternatively spliced transcript variants encoding different isoforms have been found for this protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Synonyms:	DHOdehase; POADS; URA1
Note:	lmmunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Rat: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Goat: 86%; Yeast: 86%; Zebrafish: 85%
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Metabolic pathways, Pyrimidine metabolism
Product images:	

Product images:



WB Suggested Anti-DHODH Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysateDHODH is supported by BioGPS gene expression data to be expressed in HepG2

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