

Product datasheet for **TA346257**

DHODH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	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: GEAVDGLYKMGFGFVEIGSVTPKPKQEGNPRPRVFRLPEDQAVINRYGFNS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	NP_001352 Entrez Gene 1723 Human Q02127



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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 gene.

Synonyms: DHodehase; POADS; URA1

Note: Immunogen 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:



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