

Product datasheet for **TA346290**

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 C terminal of human DHODH. Synthetic peptide located within the following region: GGLSGKPLRDLSTQTIREMYALTQGRVPIIGVGGVSSGQDALEKIRAGAS
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.

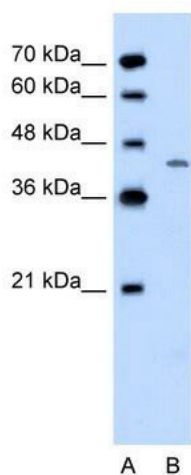
Synonyms: DHodehase; POADS; URA1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Yeast: 91%; Zebrafish: 79%

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: Jurkat cell lysate. DHODH is supported by BioGPS gene expression data to be expressed in Jurkat