

## Product datasheet for **TA346287**

### 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 is: synthetic peptide directed towards the N-terminal region of Human DHODH. Synthetic peptide located within the following region: RARFQSDMLEVRVLGHKFRNPVGIAAGFDKHGEAVDGLYKMGFGFVEIG                              |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><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:          | <a href="#">NP_001352</a><br><a href="#">Entrez Gene 1723 Human</a><br><a href="#">Q02127</a>  |
| 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. |
| Synonyms:               | DHodehase; POADS; URA1   |
| Note:                   | Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Rat: 93%; Guinea pig: 93%; Yeast: 77%   |

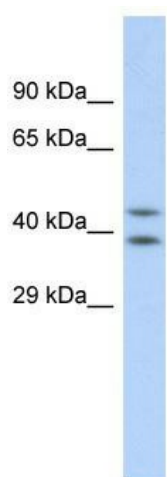


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Metabolic pathways, Pyrimidine metabolism

### Product images:



Host: Rabbit; Target Name: DHODH; Sample Tissue: HepG2 Whole cell lysates; Antibody Dilution: 1.0 ug/ml. DHODH is supported by BioGPS gene expression data to be expressed in HepG2