

### Product datasheet for TA346074

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# **Dihydropyrimidinase (DPYS) 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-DPYS antibody: synthetic peptide directed towards the middle region

of human DPYS. Synthetic peptide located within the following region: LRPDPSTPDFLMNLLANDDLTTTGTDNCTFNTCQKALGKDDFTKIPNGVN

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

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 56 kDa

**Gene Name:** dihydropyrimidinase

Database Link: NP 001376

Entrez Gene 1807 Human

Q14117



### Dihydropyrimidinase (DPYS) Rabbit Polyclonal Antibody - TA346074

**Background:** Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in

pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria. Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb

transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria.

**Synonyms:** DHP; DHPase

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

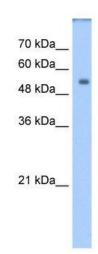
100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

**Protein Families:** Druggable Genome

Protein Pathways: beta-Alanine metabolism, Drug metabolism - other enzymes, Metabolic pathways,

Pantothenate and CoA biosynthesis, Pyrimidine metabolism

## **Product images:**



WB Suggested Anti-DPYS Antibody Titration: 1.25 ug/ml; Positive Control: Transfected 293T