

## **Product datasheet for TA360659**

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# **QDPR Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the C terminal region of human

QDPR

**Specificity: Expected reactivity**: Human

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.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 26 kDa

**Gene Name:** quinoid dihydropteridine reductase

Database Link: NP 000311.2

Entrez Gene 5860 Human

P09417



### **QDPR Rabbit Polyclonal Antibody - TA360659**

Background: This gene encodes the enzyme dihydropteridine reductase, which catalyzes the NADH-

mediated reduction of quinonoid dihydrobiopterin. This enzyme is an essential component of the pterin-dependent aromatic amino acid hydroxylating systems. Mutations in this gene resulting in QDPR deficiency include aberrant splicing, amino acid substitutions, insertions, or premature terminations. Dihydropteridine reductase deficiency presents as atypical

premature terminations. Dihydropteridine reductase deficiency presents as atypical phenylketonuria due to insufficient production of biopterin, a cofactor for phenylalanine

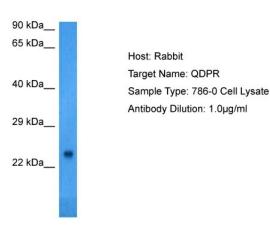
hydroxylase.

Synonyms: DHPR; FLJ42391; HDHPR; PKU2; SDR33C1

**Protein Families:** Druggable Genome

**Protein Pathways:** Folate biosynthesis, Metabolic pathways

# **Product images:**



Host: Rabbit Target Name: QDPR

Sample Tissue: Human 786-0 Whole Cell

Antibody Dilution: 1.0ug/ml