

Product datasheet for **TA360659**

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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



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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 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 Type: 786-0 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: QDPR
Sample Tissue: Human 786-0 Whole Cell
Antibody Dilution: 1.0ug/ml