

A3150

Leader in Biomolecular Solutions for Life Science



## QDPR Rabbit pAb

Catalog No.: A3150

### Basic Information

**Observed MW**

28kDa

**Calculated MW**

26kDa

**Category**

Polyclonal Antibody

**Applications**

WB

**Cross-Reactivity**

Human, Mouse

### 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.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

**Gene ID**

5860

**Swiss Prot**

P09417

**Immunogen**

A synthetic peptide of human QDPR

**Synonyms**

DHPR; PKU2; HDHPR; SDR33C1; QDPR

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

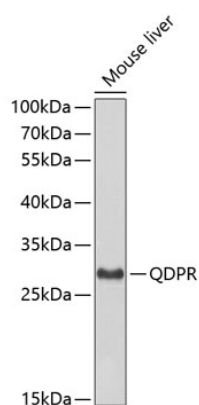
**Storage**

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

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Western blot analysis of extracts of mouse liver, using QDPR antibody (A3150).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.