

A3150

Leader in Biomolecular Solutions for Life Science



QDPR Rabbit pAb

Catalog No.: A3150

Basic Information

Observed MW

28kDa

Calculated MW

26kDa

Category

Mouse Monoclonal 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

Product Information

Source

Rabbit

Isotype

IgG

Purification

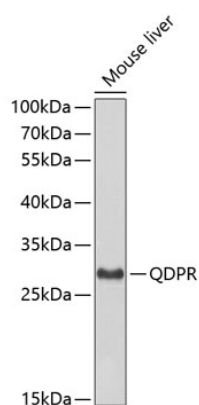
Affinity purification

Storage

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

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

Validation Data



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.