

QDPR Antibody (C-term) Blocking Peptide Synthetic peptide

Catalog # BP8841b

Specification

QDPR Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

<u>P09417</u>

QDPR Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5860

Other Names Dihydropteridine reductase, HDHPR, Quinoid dihydropteridine reductase, QDPR, DHPR

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP8841b was selected from the C-term region of human QDPR. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

QDPR Antibody (C-term) Blocking Peptide - Protein Information

Name QDPR

Synonyms DHPR, SDR33C1

Function Catalyzes the conversion of quinonoid dihydrobiopterin into tetrahydrobiopterin.

QDPR Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

<u>Blocking Peptides</u>

QDPR Antibody (C-term) Blocking Peptide - Images



QDPR Antibody (C-term) Blocking Peptide - Background

QDPR is 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.

QDPR Antibody (C-term) Blocking Peptide - References

Schnetz-Boutaud, N.C., et.al., Genes Brain Behav. 8 (8), 753-757 (2009)