

QDPR Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8841b**Specification**

QDPR Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P09417](#)**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](/products/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.

- [Blocking Peptides](#)

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)