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CYB5R1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP8990b

Specification

CYB5R1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9UHQ9

CYB5R1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51706

Other Names
NADH-cytochrome b5 reductase 1, b5R1, Humb5R2, NAD(P)H:quinone oxidoreductase type 3 polypeptide A2, CYB5R1, NQO3A2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8990b was selected from the C-term region of human CYB5R1. 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.

CYB5R1 Antibody (C-term) Blocking Peptide - Protein Information

Name CYB5R1

Synonyms NQO3A2

Function
NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.

Cellular Location
Membrane; Single-pass membrane protein

Tissue Location
Widely expressed..

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CYB5R1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CYB5R1 Antibody (C-term) Blocking Peptide - Images

CYB5R1 Antibody (C-term) Blocking Peptide - Background

NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction (By similarity).

CYB5R1 Antibody (C-term) Blocking Peptide - References

Zhu,H., Proc. Natl. Acad. Sci. U.S.A. 96 (26), 14742-14747 (1999)