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FECH Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP8657a

Specification

FECH Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P22830

FECH Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2235

Other Names
Ferrochelatase, mitochondrial, Heme synthase, Protoheme ferro-lyase, FECH

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8657a was selected from the N-term region of human FECH. 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.

FECH Antibody (N-term) Blocking Peptide - Protein Information

Name FECH (HGNC:3647)

Function
Catalyzes the ferrous insertion into protoporphyrin IX.

Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

FECH Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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FECH Antibody (N-term) Blocking Peptide - Images

FECH Antibody (N-term) Blocking Peptide - Background

FECH is localized to the mitochondrion, where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway.

FECH Antibody (N-term) Blocking Peptide - References

Nakahashi,Y., et.al., Proc. Natl. Acad. Sci. U.S.A. 89 (1), 281-285 (1992)Brenner,D.A., et.al., Am. J. Hum. Genet. 50 (6), 1203-1210 (1992)