

FECH Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8657a**Specification**

FECH Antibody (N-term) Blocking Peptide - Product InformationPrimary 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](/products/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](#)

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)