

SFXN3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18512b**Specification**

SFXN3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BWM7](#)**SFXN3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 81855**Other Names**
Sideroflexin-3, SFXN3**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.

SFXN3 Antibody (C-term) Blocking Peptide - Protein Information**Name** SFXN3 {ECO:0000303|PubMed:30442778, ECO:0000312|HGNC:HGNC:16087}**Function**

Mitochondrial serine transporter that mediates transport of serine into mitochondria, an important step of the one-carbon metabolism pathway (PubMed:30442778). Mitochondrial serine is converted to glycine and formate, which then exits to the cytosol where it is used to generate the charged folates that serve as one-carbon donors (PubMed:30442778).

Cellular Location

Mitochondrion membrane {ECO:0000269|PubMed:30442778, ECO:0000269|Ref.4}; Multi-pass membrane protein

SFXN3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SFXN3 Antibody (C-term) Blocking Peptide - Images**SFXN3 Antibody (C-term) Blocking Peptide - Background**

Potential iron transporter.

SFXN3 Antibody (C-term) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)