

SFXN3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18512b**Specification**

SFXN3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BWM7
Other Accession	NP_112233.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35503
Antigen Region	288-314

SFXN3 Antibody (C-term) - Additional Information**Gene ID** 81855**Other Names**

Sideroflexin-3, SFXN3

Target/Specificity

This SFXN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-314 amino acids from the C-terminal region of human SFXN3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SFXN3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SFXN3 Antibody (C-term) - 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

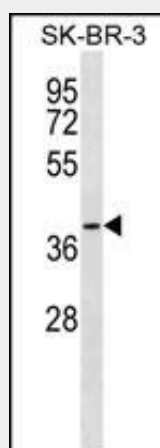
Mitochondrion membrane {ECO:0000269|PubMed:30442778, ECO:0000269|Ref.4}; Multi-pass membrane protein

SFXN3 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SFXN3 Antibody (C-term) - Images



SFXN3 Antibody (C-term) (Cat. #AP18512b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the SFXN3 antibody detected the SFXN3 protein (arrow).

SFXN3 Antibody (C-term) - Background

Potential iron transporter.

SFXN3 Antibody (C-term) - References

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