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SFXN3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18512b

Specification

SFXN3 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BWM7
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

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).

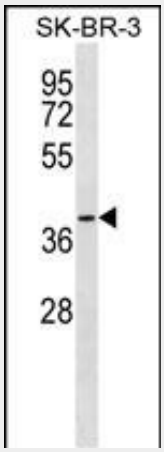
Cellular Location
Mitochondrion membrane {ECO:0000269|PubMed:30442778, ECO:0000269|Ref.4}; Multi-pass membrane protein

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 Cytomety
- 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)