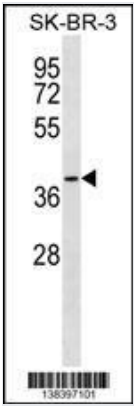
SFXN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SFXN3, Polyclonal Antibody
Full Product Name	SFXN3, CT (SFXN3, Sideroflexin-3) (AP)
Product Gene Name	anti-SFXN3 antibody
Product Synonym Names	SFXN3; Sideroflexin-3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	35,979 Da
3D Structure	ModBase 3D Structure for Q9BWM7
Immunogen	SFXN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 287-314 amino acids from the C-terminal region of human SFXN3.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-SFXN3 antibody	Antibodies; Ion Transport
Applications Tested/Suitable for anti-SFXN3 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SFXN3 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SFXN3 antibody	MBS6346812 is an antibody targeting SFXN3. Also known as SFXN3, CT (SFXN3, Sideroflexin-3) (AP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-SFXN3 antibody	Lamesch, P., et al. Genomics 89(3):307-315(2007).
Other Notes	Small volumes of anti-SFXN3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-SFXN3 antibody
SFXN3 Antibody (C-term) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the SFXN3 antibody detected the SFXN3 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SFXN3. It may not necessarily be applicable to this product.

NCBI GI #	31621303
NCBI GeneID	81855
NCBI Accession #	NP_112233.2
UniProt Primary Accession #	Q9BWM7
UniProt Secondary Accession #	Q8NCJ0; Q9NTP4
UniProt Related Accession #	Q9BWM7
GenBank Nucleotide #	NM_030971.3
NCBI Official Full Name	sideroflexin-3
NCBI Official Synonym Full Names	sideroflexin 3
NCBI Official Symbol	SFXN3
NCBI Official Synonym Symbols	SFX3; BA108L7.2
UniProt Protein Name	Sideroflexin-3
Protein Family	Sideroflexin
UniProt Gene Name	SFXN3
UniProt Entry Name	SFXN3_HUMAN
NCBI Protein Information	sideroflexin-3
UniProt Comments for SFXN3	SFXN3: Potential iron transporter. Belongs to the sideroflexin family. Protein type: Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 10q24.31 Cellular Component: mitochondrion; mitochondrial membrane; integral to membrane Molecular Function: ion transmembrane transporter activity Biological Process: iron ion homeostasis

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