

**ARG45268**  
**anti-SFXN3 antibody**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Polyclonal antibody recognizes SFXN3
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SFXN3
Species	Human
Immunogen	Recombinant protein containing to human SFXN3.
Conjugation	Un-conjugated
Alternate Names	SFXN3; Sideroflexin 3; SLC56A3; SFX3; Sideroflexin-3; BA108L7.2

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	36 kDa	

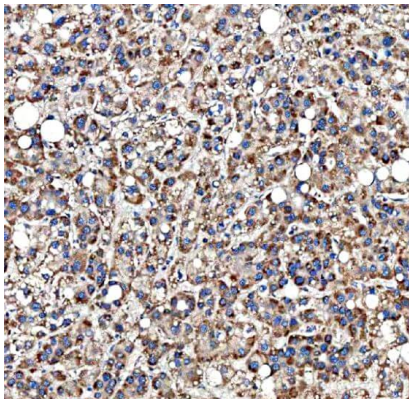
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

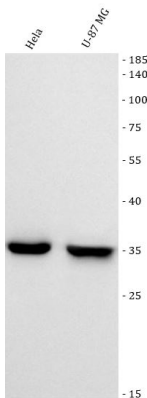
Gene Symbol	SFXN3
Gene Full Name	Sideroflexin 3
Background	Enables L-serine transmembrane transporter activity. Involved in serine import into mitochondrion. Located in mitochondrion. [provided by Alliance of Genome Resources, Nov 2024]
Function	Mitochondrial serine transporter that mediates transport of serine into mitochondria, an important step of the one-carbon metabolism pathway. [UniProt]
Calculated Mw	36 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Membrane; Mitochondrion. [UniProt]

Images



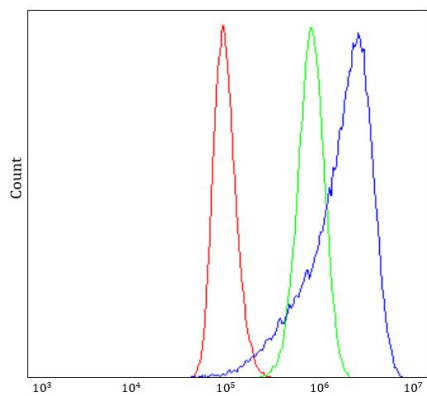
ARG45268 anti-SFXN3 antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG45268 anti-SFXN3 antibody at 2 µg/ml dilution.



ARG45268 anti-SFXN3 antibody WB image

Western blot: HeLa and U-87 MG stained with ARG45268 anti-SFXN3 antibody at 0.5 µg/ml dilution.



#### ARG45268 anti-SFXN3 antibody FACS image

Flow Cytometry: A549 stained with ARG45268 anti-SFXN3 antibody at 1 µg/10<sup>6</sup> cells dilution.