

ARG45269 anti-SFXN5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes SFXN5
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SFXN5
Species	Human
Immunogen	Recombinant protein containing to human SFXN5.
Conjugation	Un-conjugated
Alternate Names	SFXN5; Sideroflexin 5; BBG-TCC; SLC56A5; Sideroflexin-5

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	37 kDa	

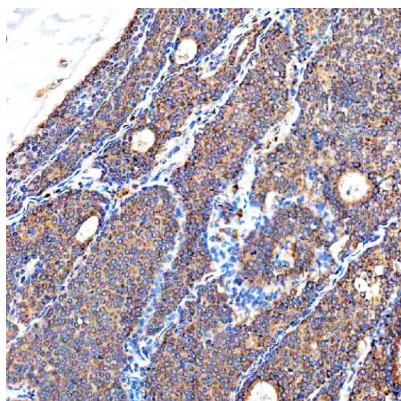
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 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

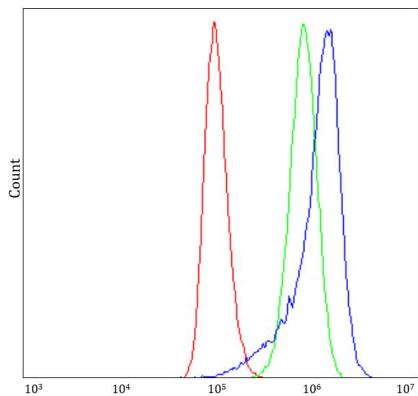
Gene Symbol	SFXN5
Gene Full Name	Sideroflexin 5
Background	Predicted to enable citrate transmembrane transporter activity. Predicted to be involved in citrate transport and mitochondrial transmembrane transport. Located in mitochondrion. [provided by Alliance of Genome Resources, Nov 2024]
Function	Mitochondrial amino-acid transporter. [UniProt]
Calculated Mw	37 kDa
Cellular Localization	Cul3-RING ubiquitin ligase complex . [UniProt]

Images



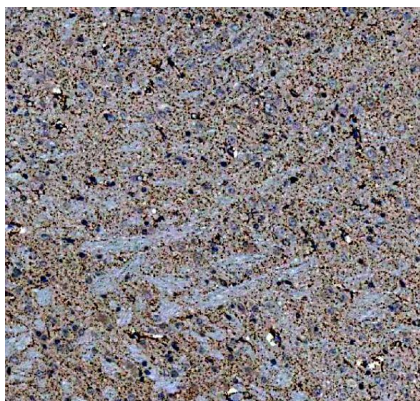
ARG45269 anti-SFXN5 antibody IHC-P image

Immunohistochemistry: Human breast cancer stained with ARG45269 anti-SFXN5 antibody at 2 µg/ml dilution.



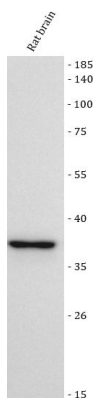
ARG45269 anti-SFXN5 antibody FACS image

Flow Cytometry: A549 stained with ARG45269 anti-SFXN5 antibody at 1 µg/10⁶ cells dilution.



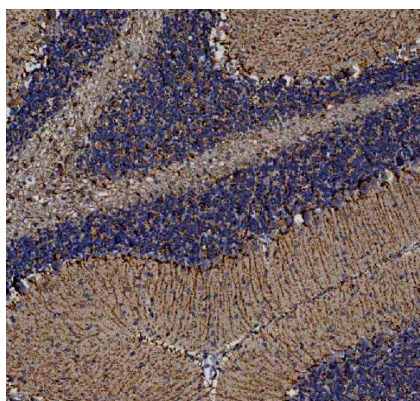
ARG45269 anti-SFXN5 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45269 anti-SFXN5 antibody at 2 µg/ml dilution.



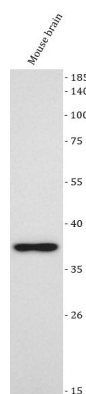
ARG45269 anti-SFXN5 antibody WB image

Western blot: Rat brain stained with ARG45269 anti-SFXN5 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45269 anti-SFXN5 antibody IHC-P image

Immunohistochemistry: Mouse cerebellum stained with ARG45269 anti-SFXN5 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



ARG45269 anti-SFXN5 antibody WB image

Western blot: Mouse brain stained with ARG45269 anti-SFXN5 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.