

ARG45552 anti-SLC44A2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC44A2
Tested Reactivity	Ms, Rat
Tested Application	FACS, IHC-P, WB
Specificity	SLC44A2
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC44A2
Species	Mouse
Immunogen	Recombinant protein containing to mouse SLC44A2.
Conjugation	Un-conjugated
Alternate Names	SLC44A2; Solute Carrier Family 44 Member 2 (CTL2 Blood Group); CTL2; Choline Transporter-Like Protein 2; Solute Carrier Family 44 (Choline Transporter), Member 2; Solute Carrier Family 44 Member 2; Testicular Tissue Protein Li 47; PP1292

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	80 kDa	

Properties

Form	Powder
Purification	Affinity purified
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.

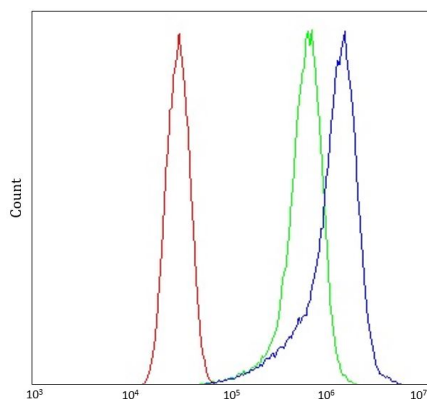
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

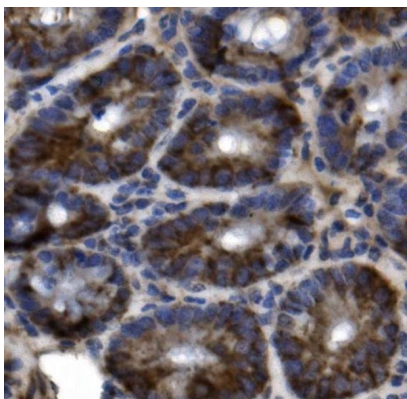
Gene Symbol	SLC44A2
Gene Full Name	Solute Carrier Family 44 Member 2 (CTL2 Blood Group)
Background	Enables choline transmembrane transporter activity and ethanolamine transmembrane transporter activity. Involved in choline transport; ethanolamine transport; and transmembrane transport. Located in mitochondrial outer membrane and plasma membrane. [provided by Alliance of Genome Resources, Feb 2025]
Function	Choline/H ⁺ antiporter, mainly in mitochondria. Also acts as a low-affinity ethanolamine/H ⁺ antiporter, regulating the supply of extracellular ethanolamine (Etn) for the CDP-Etn pathway, redistribute intracellular Etn and balance the CDP-Cho and CDP-Etn arms of the Kennedy pathway. [UniProt]
Calculated Mw	80 kDa
PTM	Glycoprotein; Phosphoprotein. [UniProt]
Cellular Localization	Cell membrane; Membrane; Mitochondrion; Mitochondrion outer membrane. [UniProt]

Images



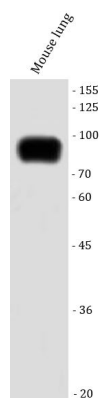
ARG45552 anti-SLC44A2 antibody FACS image

Flow Cytometry: HEPA1-6 stained with ARG45552 anti-SLC44A2 antibody at 1 µg/10⁶ cells dilution.



ARG45552 anti-SLC44A2 antibody IHC-P image

Immunohistochemistry: Mouse intestine stained with ARG45552 anti-SLC44A2 antibody at 2 µg/ml dilution.



ARG45552 anti-SLC44A2 antibody WB image

Western blot: Mouse lung stained with ARG45552 anti-SLC44A2 antibody at 0.5 µg/ml dilution.