

ARG44525 anti-SLC37A3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC37A3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC37A3
Species	Human
Immunogen	Human SLC37A3 recombinant protein
Conjugation	Un-conjugated
Alternate Names	SLC37A3; Solute Carrier Family 37 Member 3; SPX3; Sugar-Phosphate Exchange Protein 3; Sugar Phosphate Exchanger 3; DKFZp761N0624; Solute Carrier Family 37 (Glycerol-3-Phosphate Transporter), Member 3; Solute Carrier Family 37, Member 3

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶
	ICC/IF	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.	

Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
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.

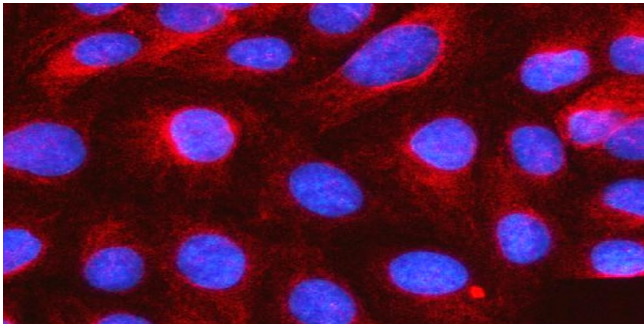
Note

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

Bioinformation

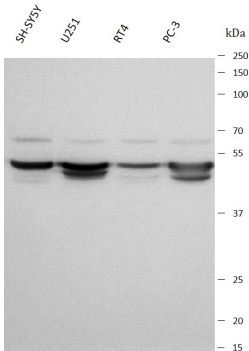
Gene Symbol	SLC37A3
Gene Full Name	Solute Carrier Family 37 Member 3
Background	Predicted to enable transmembrane transporter activity. Predicted to be involved in carbohydrate transport and transmembrane transport. Is integral component of endoplasmic reticulum membrane.
Function	Unlike the other SLC37 members, lacks glucose-6-phosphate antiporter activity.
Calculated Mw	54 kDa
PTM	Glycoprotein
Cellular Localization	Endoplasmic reticulum, Lysosome, Membrane

Images



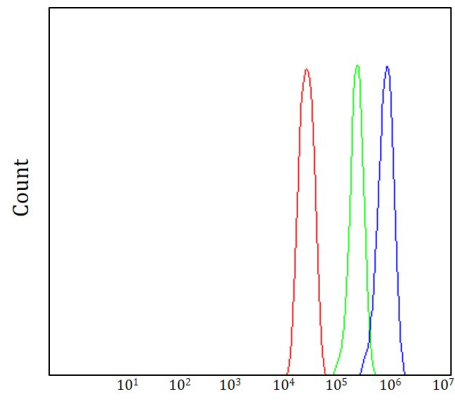
ARG44525 anti-SLC37A3 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44525 anti-SLC37A3 antibody at 5 µg/mL dilution.



ARG44525 anti-SLC37A3 antibody WB image

Western blot: SH-SY5Y, U251, RT4 and PC-3 stained with ARG44525 anti-SLC37A3 antibody at 0.5 µg/mL dilution.



ARG44525 anti-SLC37A3 antibody FACS image

Flow Cytometry: U251 stained with ARG44525 anti-SLC37A3 antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.