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Datasheet for ABIN7175935
anti-SLC7A7 antibody (AA 325-382) (FITC)

Overview

Quantity:	100 µg
Target:	SLC7A7 (Slc7a7)
Binding Specificity:	AA 325-382
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A7 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Y+L amino acid transporter 1 protein (325-382AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLC7A7 (Slc7a7)
Alternative Name:	SLC7A7 (Slc7a7 Products)
Background:	Background: Involved in the sodium-independent uptake of dibasic amino acids and sodium-dependent uptake of some neutral amino acids. Requires coexpression with SLC3A2/4F2hc to

Target Details

mediate the uptake of arginine, leucine and glutamine. Plays a role in nitric oxide synthesis in human umbilical vein endothelial cells (HUVECs) via transport of L-arginine. Involved in the transport of L-arginine in monocytes.

Aliases: LAT3 antibody, LPI antibody, Monocyte amino acid permease 2 antibody, MOP-2 antibody, MOP2 antibody, SLC7A 7 antibody, Slc7a7 antibody, Solute carrier family 7 (cationic amino acid transporter, y+ system), member 7 antibody, Solute carrier family 7 member 7 antibody, y(+)-L type amino acid transporter 1 antibody, y(+)-L-type amino acid transporter 1 antibody, Y+L amino acid transporter 1 antibody, y+LAT-1 antibody, Y+LAT1 antibody, YLAT1_HUMAN antibody

UniProt: [Q9UM01](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.