Datasheet for ABIN7175936 anti-SLC7A7 antibody (AA 325-382) (HRP)

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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 HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Y+L amino acid transporter 1 protein (325-382AA)
Isotype:	lgG
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

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	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	
Application Notes:	Optimal working dilution should be determined by the investigator.
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.