Datasheet for ABIN7175940
anti-SLC7A6 antibody (AA 473-515) (HRP)

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Overview

Quantity:	100 μg
Target:	SLC7A6
Binding Specificity:	AA 473-515
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A6 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Y+L amino acid transporter 2 protein (473-515AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLC7A6
Alternative Name:	SLC7A6 (SLC7A6 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. Also acts as an arginine/glutamine exchanger, following an antiport mechanism for amino acid transport, influencing arginine release in exchange for extracellular amino acids. 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. Reduces uptake of ornithine in retinal pigment epithelial (RPE) cells. Aliases: SLC7A6 antibody, KIAA0245 antibody, Y+L amino acid transporter 2 antibody, Cationic amino acid transporter antibody, y+ system antibody, Solute carrier family 7 member 6 antibody, y(+)L-type amino acid transporter 2 antibody, Y+LAT2 antibody, y+LAT-2 antibody

UniProt:	Q92536

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.