

OriGene Technologies, Inc.

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Product datasheet for TA361096

SLC7A6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC7A6
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57 kDa
Gene Name:	solute carrier family 7 member 6
Database Link:	<u>NP_001070253.1</u> <u>Entrez Gene 9057 Human</u> <u>Q92536</u>



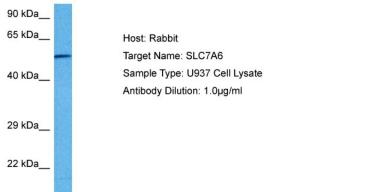
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	SLC7A6 Rabbit Polyclonal Antibody – TA361096
Background:	Involved in the sodium-independent uptake of dibasic amino acids and sodium-dependent uptake of some neutral amino acids. Requires coexpression with SLC3A2/4F2hc to mediate the uptake of arginine, 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.
Synonyms:	DKFZp686K15246; KIAA0245; LAT-2; LAT3; y+LAT-2; Y+LAT2

Protein Families:

Druggable Genome, Transmembrane

Product images:



Host: Rabbit Target Name: SLC7A6 Sample Tissue: Human U937 Whole Cell lysates Antibody Dilution: 1ug/ml

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