

Datasheet for ABIN5517330
anti-SLC7A7 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	SLC7A7 (Slc7a7)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SLC7A7
Sequence:	RVPEHKRPLY LRRIVGSATR YLQVLCMSVA AEMDLEDGGE MPKQRDPKSN
Purification:	Affinity purified

Target Details

Target:	SLC7A7 (Slc7a7)
Alternative Name:	SLC7A7 (Slc7a7 Products)
Background:	The protein encoded by this gene is the light subunit of a cationic amino acid transporter. This sodium-independent transporter is formed when the light subunit encoded by this gene dimerizes with the heavy subunit transporter protein SLC3A2. This transporter is found in

Target Details

epithelial cell membranes where it transfers cationic and large neutral amino acids from the cell to the extracellular space. Defects in this gene are a cause of lysinuric protein intolerance (LPI). Alternative splicing results in multiple transcript variants.

Alias Symbols: LPI, LAT3, MOP-2, Y+LAT1, y+LAT-1

Protein Size: 511

Gene ID:	9056
NCBI Accession:	NM_001126105 , NP_001119577
UniProt:	Q9UM01

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	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.