10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SLC7A1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16229b

Specification

SLC7A1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P30825

SLC7A1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 6541

Other Names
High affinity cationic amino acid transporter 1, CAT-1, CAT1, Ecotropic retroviral leukemia receptor homolog, Ecotropic retrovirus receptor homolog, ERR, Solute carrier family 7 member 1, System Y+ basic amino acid transporter, SLC7A1, ATRC1, ERR, REC1L

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SLC7A1 Antibody (C-term) Blocking Peptide - Protein Information

Name SLC7A1 (HGNC:11057)

Function
High-affinity, low capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine) in non-hepatic tissues.

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q09143}; Multi-pass membrane protein

Tissue Location
Ubiquitous..

SLC7A1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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SLC7A1 Antibody (C-term) Blocking Peptide - Images

SLC7A1 Antibody (C-term) Blocking Peptide - Background

High-affinity, low capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine) in non-hepatic tissues. May also function as an ecotropic retroviral leukemia receptor.

SLC7A1 Antibody (C-term) Blocking Peptide - References

Yang, Z., et al. Hum. Mutat. 30(3):328-333(2009)Jaeger, K., et al. Histochem. Cell Biol. 129(3):321-329(2008)Broer, S. Physiol. Rev. 88(1):249-286(2008)Maeda, T., et al. Drug Metab. Pharmacokinet. 23(3):181-187(2008)Kaneko, S., et al. Am. J. Physiol., Cell Physiol. 293 (2), C729-C737 (2007) :