

SLC25A29 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12433c**Specification**

SLC25A29 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q8N8R3](#)**SLC25A29 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 123096**Other Names**

Mitochondrial basic amino acids transporter, Carnitine/acylcarnitine translocase-like, CACT-like, Mitochondrial carnitine/acylcarnitine carrier protein CACL, Mitochondrial ornithine transporter 3, Solute carrier family 25 member 29, SLC25A29, C14orf69, ORNT3

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.

SLC25A29 Antibody (Center) Blocking peptide - Protein Information**Name** SLC25A29 ([HGNC:20116](#))**Synonyms** C14orf69, ORNT3**Function**

Mitochondrial transporter of arginine, lysine, homoarginine, methylarginine and, to a much lesser extent, ornithine and histidine (PubMed:19287344, PubMed:24652292). Does not transport carnitine nor acylcarnitines (PubMed:24652292). Functions by both counter-exchange and uniport mechanisms (PubMed:24652292). Plays a physiological role in the import of basic amino acids into mitochondria for mitochondrial protein synthesis and amino acid degradation (PubMed:19287344, PubMed:24652292).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

SLC25A29 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC25A29 Antibody (Center) Blocking peptide - Images**SLC25A29 Antibody (Center) Blocking peptide - Background**

SLC25A29 has palmitoylcarnitine transporting activity (By similarity).

SLC25A29 Antibody (Center) Blocking peptide - References

Camacho, J.A., et al. Pediatr. Res. 66(1):35-41(2009) Sekoguchi, E., et al. J. Biol. Chem. 278(40):38796-38802(2003)