

SLC37A1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19236b**Specification**

SLC37A1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P57057](#)**SLC37A1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 54020**Other Names**

Glycerol-3-phosphate transporter, G-3-P transporter, Glycerol-3-phosphate permease, G-3-P permease, Solute carrier family 37 member 1, SLC37A1, G3PP

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.

SLC37A1 Antibody (C-term) Blocking Peptide - Protein Information**Name** SLC37A1 ([HGNC:11024](#))**Function**

Inorganic phosphate and glucose-6-phosphate antiporter. May transport cytoplasmic glucose-6-phosphate into the lumen of the endoplasmic reticulum and translocate inorganic phosphate into the opposite direction. Independent of a luminal glucose-6-phosphatase. May not play a role in homeostatic regulation of blood glucose levels.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Expressed in numerous tissues, with highest expression in pancreas, kidney, bone marrow, spleen, liver, small intestine, as well as in fetal brain, liver and spleen

SLC37A1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC37A1 Antibody (C-term) Blocking Peptide - Images

SLC37A1 Antibody (C-term) Blocking Peptide - Background

SLC37A1, a member of the sugar-phosphate transport family, transports glycerol-3-phosphate (G3P) between cellular compartments for its utilization in several compartment-specific biochemical pathways.

SLC37A1 Antibody (C-term) Blocking Peptide - References

Pope, S.N., et al. J. Steroid Biochem. Mol. Biol. 94 (1-3), 203-208 (2005) :Bartoloni, L., et al. Genomics 70(2):190-200(2000)