

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

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**SLC37A1 Antibody (C-term) Blocking Peptide - Product Information**Primary 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)