

SLC37A3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18336c**Specification**

SLC37A3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8NCC5](#)**SLC37A3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84255**Other Names**

Sugar phosphate exchanger 3, Solute carrier family 37 member 3, SLC37A3, SPX3

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.

SLC37A3 Antibody (Center) Blocking Peptide - Protein Information**Name** SLC37A3 ([HGNC:20651](#))**Synonyms** SPX3**Function**

Unlike the other SLC37 members, lacks glucose-6-phosphate antiporter activity (PubMed:21949678). In osteoclasts, forms a transporter complex with ATRAID for nitrogen-containing-bisphosphonates (N-BPs) required for releasing N-BP molecules that have trafficked to lysosomes through fluid-phase endocytosis into the cytosol (PubMed:29745899).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein

Tissue Location

Expressed in liver, kidney, intestine and pancreas.

SLC37A3 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC37A3 Antibody (Center) Blocking Peptide - Images

SLC37A3 Antibody (Center) Blocking Peptide - Background

Belongs to the major facilitator superfamily. Organophosphate:Pi antiporter (OPA) (TC 2.A.1.4) family.

SLC37A3 Antibody (Center) Blocking Peptide - References

Bartoloni, L., et al. Pflugers Arch. 447(5):780-783(2004)