

SLC39A10 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5464c**Specification**

SLC39A10 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9ULF5](#)
Other Accession [NP_001120729.1](#)

SLC39A10 Antibody (Center) Blocking peptide - Additional Information

Gene ID 57181

Other Names

Zinc transporter ZIP10, Solute carrier family 39 member 10, Zrt- and Irt-like protein 10, ZIP-10, SLC39A10, KIAA1265, ZIP10

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.

SLC39A10 Antibody (Center) Blocking peptide - Protein Information

Name SLC39A10 ([HGNC:20861](#))

Synonyms KIAA1265, ZIP10

Function

Zinc-influx transporter (PubMed:30520657, PubMed:17359283, PubMed:27274087). When associated with SLC39A6, the heterodimer formed by SLC39A10 and SLC39A6 mediates cellular zinc uptake to trigger cells to undergo epithelial-to-mesenchymal transition (EMT) (PubMed:23186163). SLC39A10-SLC39A6 heterodimers play also an essential role in initiating mitosis by importing zinc into cells to initiate a pathway resulting in the onset of mitosis (PubMed:32797246). Plays an important role for both mature B-cell maintenance and humoral immune responses (By similarity). When associated with SLC39A10, the heterodimer controls NCAM1 phosphorylation and integration into focal adhesion complexes during EMT (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein. Note=Expressed at the apical membranes of proximal tubules in the kidney.

SLC39A10 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC39A10 Antibody (Center) Blocking peptide - Images