

SLC39A2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5477a**Specification**

SLC39A2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9NP94](#)
Other Accession [NP_055394.2](#)

SLC39A2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 29986

Other Names

Zinc transporter ZIP2, 6A1, Eti-1, Solute carrier family 39 member 2, Zrt- and Irt-like protein 2, ZIP-2, hZIP2, SLC39A2, ZIP2

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.

SLC39A2 Antibody (N-term) Blocking peptide - Protein Information

Name SLC39A2 ([HGNC:17127](#))

Synonyms ZIP2

Function

Transporter for the divalent cation Zn(2+) (PubMed:10681536, PubMed:29791142, PubMed:30914478). Mediates the influx of Zn(2+) into cells from extracellular space. The Zn(2+) uniporter activity is independent of H(+)-driving force, but is modulated by extracellular pH and membrane potential. Transports also other divalent cations Zn(2+), Cd2(+), Cu2(+), Co2(+) in the order of decreasing affinity, respectively (PubMed:29791142, PubMed:30914478). In the skin, aids in the differentiation of keratinocytes in the epidermis (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed only in prostate and uterine epithelial cells.

SLC39A2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC39A2 Antibody (N-term) Blocking peptide - Images