

CNNM2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14175b**Specification**

CNNM2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9H8M5](#)

CNNM2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 54805

Other Names

Metal transporter CNNM2, Ancient conserved domain-containing protein 2, Cyclin-M2, CNNM2, ACDP2

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.

CNNM2 Antibody (C-term) Blocking Peptide - Protein Information

Name CNNM2

Synonyms ACDP2

Function

Divalent metal cation transporter. Mediates transport of divalent metal cations in an order of Mg(2+) > Co(2+) > Mn(2+) > Sr(2+) > Ba(2+) > Cu(2+) > Fe(2+) (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Widely expressed. Expressed at higher level in brain, kidney and placenta, while it is weakly expressed in skeletal muscle. In the kidney, it is expressed in the distal convoluted tubule and the thick ascending limb of Henle loop

CNNM2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CNNM2 Antibody (C-term) Blocking Peptide - Images

CNNM2 Antibody (C-term) Blocking Peptide - Background

CNNM2 is a divalent metal cation transporter. Mediates transport of divalent metal cations in an order of $Mg(2+) > Co(2+) > Mn(2+) > Sr(2+) > Ba(2+) > Cu(2+) > Fe(2+)$ (By similarity).

CNNM2 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Takeuchi, F., et al. Circulation 121(21):2302-2309(2010)Yasuno, K., et al. Nat. Genet. 42(5):420-425(2010)Simon-Sanchez, J., et al. Nat. Genet. 41(12):1308-1312(2009)Newton-Cheh, C., et al. Nat. Genet. 41(6):666-676(2009)