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CNNM4 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13590b

Specification

CNNM4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q6P4Q7

CNNM4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 26504

Other Names
Metal transporter CNNM4, Ancient conserved domain-containing protein 4, Cyclin-M4, CNNM4, ACDP4, KIAA1592

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13590b was selected from the C-term region of CNNM4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CNNM4 Antibody (C-term) Blocking peptide - Protein Information

Name CNNM4

Synonyms ACDP4, KIAA1592

Function
Probable metal transporter. The interaction with the metal ion chaperone COX11 suggests that it may play a role in sensory neuron functions (By similarity). May play a role in biomineralization and retinal function.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Widely expressed. Highly expressed in heart.

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CNNM4 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CNNM4 Antibody (C-term) Blocking peptide - Images

CNNM4 Antibody (C-term) Blocking peptide - Background

This gene encodes a member of the ancient conserved domaincontaining protein family. Members of this protein family contain acyclin box motif and have structural similarity to the cyclins. Theencoded protein may play a role in metal ion transport. Mutationsin this gene are associated with Jalili syndrome which consists ofcone-rod dystrophy and amelogenesis imperfecta. [provided byRefSeq].

CNNM4 Antibody (C-term) Blocking peptide - References

Polok, B., et al. Am. J. Hum. Genet. 84(2):259-265(2009)Parry, D.A., et al. Am. J. Hum. Genet. 84(2):266-273(2009)Guo, D., et al. Mol Pain 1, 15 (2005) :Michaelides, M., et al. J. Med. Genet. 41(6):468-473(2004)Wang, C.Y., et al. Gene 306, 37-44 (2003) :