

CNNM2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14175B**Specification**

CNNM2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9H8M5
Other Accession	NP_951058.1 , NP_060119.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	96623
Antigen Region	646-674

CNNM2 Antibody (C-term) - Additional Information**Gene ID** 54805**Other Names**

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

Target/Specificity

This CNNM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 646-674 amino acids from the C-terminal region of human CNNM2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CNNM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CNNM2 Antibody (C-term) - 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

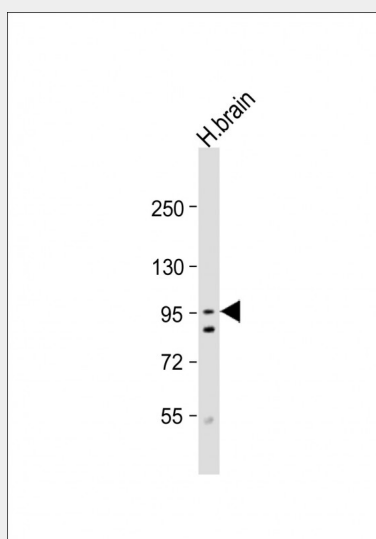
Widely expressed. Expressed at higher level in brain, kidney and placenta, while it is weakly expressed in skeletal muscle. In the kidney, it is expressed in the distal convoluted tubule and the thick ascending limb of Henle loop

CNNM2 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNNM2 Antibody (C-term) - Images



Anti-CNNM2 Antibody (C-term) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 97 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

CNNM2 Antibody (C-term) - 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) - 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)
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