

Cyclin M2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51098**Specification**

Cyclin M2 Antibody - Product Information

Application	WB, IP, ICC, E
Primary Accession	Q9H8M5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97 KDa

Cyclin M2 Antibody - Additional Information**Gene ID** 54805**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin M2. The exact sequence is proprietary.

Dilution

WB~~1:1000

IP~~N/A

ICC~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Cyclin M2 Antibody - 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

Cyclin M2 Antibody - 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](#)

Cyclin M2 Antibody - Images**Cyclin M2 Antibody - Background**

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Cyclin M2 Antibody - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Deloukas P., et al. Nature 429:375-381(2004).
Wang C.-Y., et al. Gene 306:37-44(2003).
Stuiver M., et al. Am. J. Hum. Genet. 88:333-343(2011).

Cyclin M2 Antibody - Citations

- [Human CNNM2 is not a Mg\(2+\) transporter per se.](#)