

Cyclin M2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51098

Product Information

Application	WB, IP, ICC
Primary Accession	Q9H8M5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96623

Additional Information

Gene ID	54805
Other Names	Metal transporter CNNM2, Ancient conserved domain-containing protein 2, Cyclin-M2, CNNM2, ACDP2
Dilution	WB~~1:1000 IP~~N/A ICC~~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

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

Background

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).

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).

Citations

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

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