

## Summary

<b>Production Name</b>	Cyclin M2 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	CNNM2
<b>Alternative Names</b>	CNNM2; ACDP2; Metal transporter CNNM2; Ancient conserved domain-containing protein 2; Cyclin-M2
<b>Gene ID</b>	54805.0
<b>SwissProt ID</b>	Q9H8M5.The antiserum was produced against synthesized peptide derived from human CNNM2. AA range:571-620

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000. ELISA: 1:10000.
<b>Molecular Weight</b>	100kD

## Background

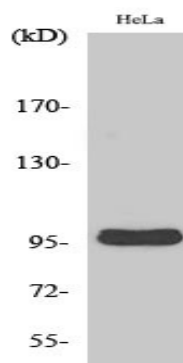
**Product Name: Cyclin M2 Rabbit Polyclonal Antibody**  
**Catalog #: APRab09605**



cyclin and CBS domain divalent metal cation transport mediator 2(CNNM2) Homo sapiens This gene encodes a member of the ancient conserved domain containing protein family. Members of this protein family contain a cyclin box motif and have structural similarity to the cyclins. The encoded protein may play an important role in magnesium homeostasis by mediating the epithelial transport and renal reabsorption of Mg<sup>2+</sup>. Mutations in this gene are associated with renal hypomagnesemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011],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+),.miscellaneous:Shares weak sequence similarity with the cyclin family, explaining its name. However it has no cyclin-like function in vivo,.similarity:Belongs to the ACDP family,.similarity:Contains 2 CBS domains,.tissue specificity:Widely expressed. Expressed at higher level in brain, kidney and placenta, while it is weakly expressed in skeletal muscle.,

## Research Area

## Image Data



Western Blot analysis of various cells using Cyclin M2 Polyclonal Antibody

## Note

For research use only.