产品名称: Cyclin M2 Rabbit Polyclonal Antibody

产品货号: APRab09605



## 产品概述 (Summary)

产品名称 (Production Name) Cyclin M2 Rabbit Polyclonal Antibody

描述 (Description) Rabbit polyclonal Antibody

宿主 (Host) Rabbit 应用 (Application) WB,ELISA

种属反应性 (Reactivity) Human, Mouse, Rat

## 产品性能 (Performance)

偶联物 (Conjugation)Unconjugated修饰 (Modification)Unmodified

同种型 (Isotype) IgG

克隆 (Clonality) Polyclonal 形式 (Form) Liquid

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid 存放说明 (Storage)

freeze/thaw cycles.

Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% 储存溶液 (Buffer)

New type preservative N.

纯化方式 (Purification) Affinity purification

# 免疫原信息 (Immunogen)

基因名 (Gene Name) CNNM2

CNNM2; ACDP2; Metal transporter CNNM2; Ancient conserved domain-别名 (Alternative Names)

containing protein 2; Cyclin-M2

基因 ID (Gene ID) 54805.0

Q9H8M5.The antiserum was produced against synthesized peptide derived 蛋白ID (SwissProt ID)

from human CNNM2. AA range:571-620

### 产品应用 (Application)

**稀释比 (Dilution Ratio)** WB 1:500-1:2000,ELISA 1:5000-1:20000

蛋白分子量 (Molecular Weight) 100kDa

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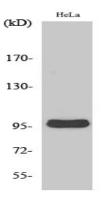


### 研究背景 (Background)

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 Mg2+. 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.,

#### 研究领域 (Research Area)

#### 图片 (Image Data)



Western Blot analysis of various cells using Cyclin M2 Polyclonal Antibody

#### 注意事项 (Note)

For research use only.

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