

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
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CNNM2
别名 (Alternative Names)	CNNM2; ACDP2; Metal transporter CNNM2; Ancient conserved domain-containing protein 2; Cyclin-M2
基因 ID (Gene ID)	54805.0
蛋白 ID (SwissProt ID)	Q9H8M5.The antiserum was produced against synthesized peptide derived 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 Mg^{2+} . 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 .