

产品名称: CDK5 Activator-binding C42 Rabbit Polyclonal Antibody
产品货号: APRab08565



产品概述 (Summary)

产品名称 (Production Name)	CDK5 Activator-binding C42 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

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)	CDK5RAP1
别名 (Alternative Names)	CDK5RAP1; C20orf34; CGI-05; HSPC167; CDK5 regulatory subunit-associated protein 1; CDK5 activator-binding protein C42
基因 ID (Gene ID)	51654.0
蛋白 ID (SwissProt ID)	Q96SZ6. The antiserum was produced against synthesized peptide derived from human CDK5RAP1. AA range: 251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

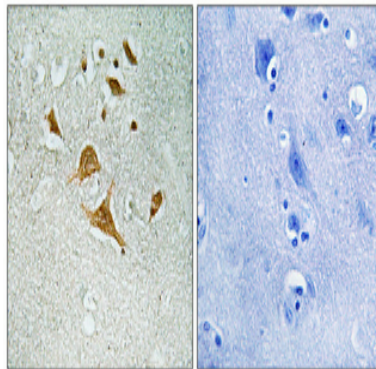
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研究背景 (Background)

This gene encodes a regulator of cyclin-dependent kinase 5 activity. This protein has also been reported to modify RNA by adding a methylthio-group and may thus have a dual function as an RNA methylthiotransferase and as an inhibitor of cyclin-dependent kinase 5 activity. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013],cofactor: Binds 2 4Fe-4S clusters. One cluster is coordinated with 3 cysteines and an exchangeable S-adenosyl-L-methionine.,function: Specifically inhibits CDK5 activation by CDK5R1.,sequence caution: Translated as Glu.,similarity: Belongs to the methylthiotransferase family. MiaB subfamily.,similarity: Contains 1 MTTase N-terminal domain.,similarity: Contains 1 TRAM domain.,subunit: Interacts with CDK5R1 (p35 form). CDK5RAP1, CDK5RAP2 and CDK5RAP3 show competitive binding to CDK5R1. Forms a complex with CDK5R1 and CDK5.,tissue specificity: Widely expressed. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

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