

产品名称: CyPA Rabbit Polyclonal Antibody
产品货号: APRab09680



产品概述 (Summary)

产品名称 (Production Name)	CyPA Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	PPIA
别名 (Alternative Names)	PPIA; CYPA; Peptidyl-prolyl cis-trans isomerase A; PPIase A; Cyclophilin A; Cyclosporin A-binding protein; Rotamase A
基因 ID (Gene ID)	5478.0
蛋白 ID (SwissProt ID)	P62937.The antiserum was produced against synthesized peptide derived from the Internal region of human PPIA. AA range:51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	18kDa

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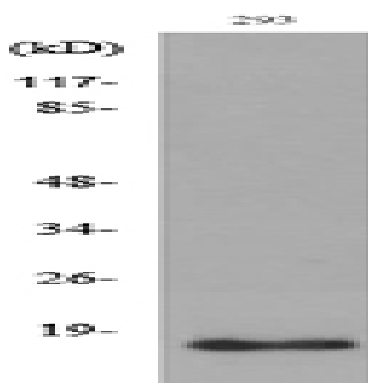


研究背景 (Background)

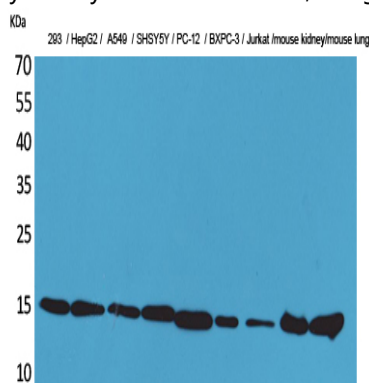
This gene encodes a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. The encoded protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported. [provided by RefSeq, Jul 2008],catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,enzyme regulation:Binds cyclosporin A (CsA). CsA mediates some of its effects via an inhibitory action on PPIase.,function:PPIases accelerate the folding of proteins.,function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,online information:Cyclophilin entry,similarity:Belongs to the cyclophilin-type PPIase family.,similarity:Belongs to the cyclophilin-type PPIase family. PPIase A subfamily.,similarity:Contains 1 PPIase cyclophilin-type domain.,subunit:Interacts with HIV-1 Capsid protein.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysate from 293 cells, using PPIA Antibody.

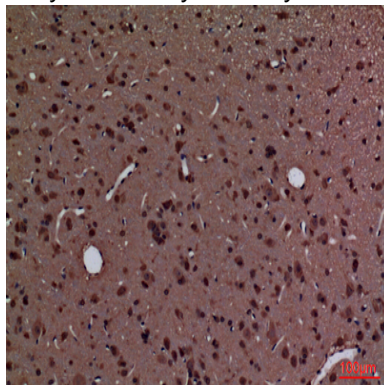


Western Blot analysis of 293, HepG2, A549, SHSY5Y, PC-12, BXP-3, Jurkat, mouse kidney, mouse lung cells using CyPA

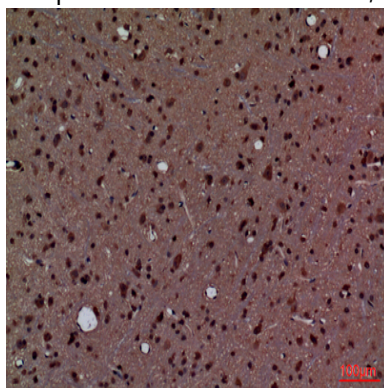
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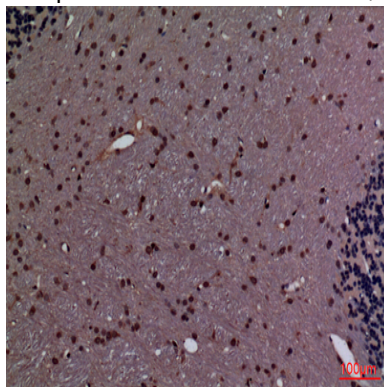
Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

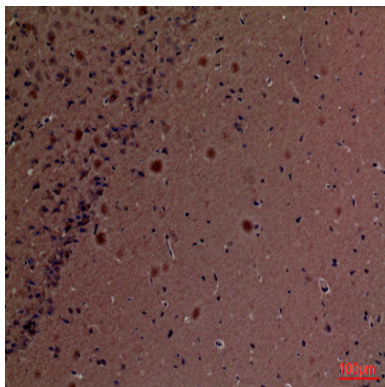


Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

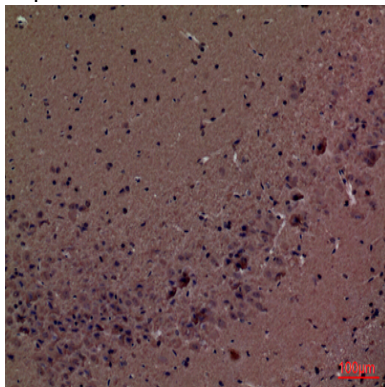


Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100

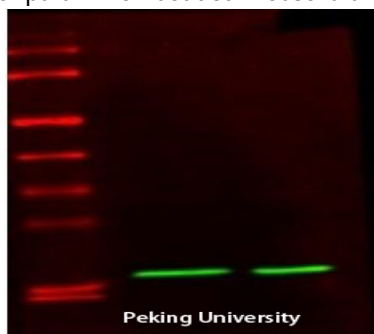
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Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100



Ppia

The picture was kindly provided by our customer

注意事项 (Note)

For research use only .