



CyPA Polyclonal Antibody

Isotype IgG		
Reactivity Human; Mouse; Rat Applications WB; IHC; IF; ELISA Gene Name PPIA Protein Name Peptidyl-prolyl cis-trans isomerase A Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human PPIA. AA range: 51-100 Specificity CyPA Polyclonal Antibody detects endogenous levels of CyPA protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PPIA; CYPA; Peptidyl-prolyl cis-trans isomerase A; PPlase A; Cyclophilin A; Cyclosporin A-binding protein; Rotamase A Observed Band 18kD Cell Pathway Cytoplasm . Secreted . Nucleus . Secretion occurs in response to oxidative stres in vascular smooth muscle through a vesicular secretory pathway that includes Rho GTPase signaling, actin remodeling, and myosin II activation. Tissue Specificity Blood,Bone marrow,Brain,Cajal-Retzius cell,Cervix,Colon,Epithelium,Fetal br 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 PPlase, function:PPlases accelerate the folding of proteins. It catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides, online information:Cyclophilin-type PPlase family. Pplase A subfamily, similarity:Belongs to the cyclophilin-type PPlase family. Pplase A subfamily, similarity:Celongs to the cyclophilin-type PPlase family. Pplase A subfamily, similarity:Celongs to the cyclophilin-type Pplase family. Pplase A subfamily.	Catalog No	BYab-04314
Applications WB;IHC;IF;ELISA Gene Name PPIA Protein Name Peptidyl-prolyl cis-trans isomerase A Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human PPIA. AA range:51-100 Specificity CyPA Polyclonal Antibody detects endogenous levels of CyPA protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PPIA; CYPA; Peptidyl-prolyl cis-trans isomerase A; PPIase A; Cyclophilin A; Cyclosporin A-binding protein; Rotamase A Observed Band 18kD Cell Pathway Cytoplasm . Secreted . Nucleus . Secretion occurs in response to oxidative stres in vascular smooth muscle through a vesicular secretory pathway that includes Rho GTPase signaling, actin remodeling, and myosin II activation. Tissue Specificity Blood,Bone marrow,Brain,Cajal-Retzius cell,Cervix,Colon,Epithelium,Fetal br 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 as cacelerate the folding of proteins. It catalyze the cis-trans isomerization of proline inidic peptide bonds in oligopeptides, online information:Cyclophilin entry, similarity:Belongs to the cyclophilin-type PPIase family. Ppilase A subfamily, similarity. Selongs to the cyclophilin-type PPIase family. Ppilase A subfamily, similarity:Belongs to the cyclophilin-type PPIase family. Ppilase A subfamily.	Isotype	IgG
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	Function	

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



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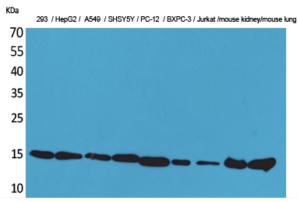


Background	This gene encodes a member of the peptidyl-prolyl cis-trans isomerase (PPlase) family. PPlases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. The encoded protein is a cyclosporin binding-protein and may play a role 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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

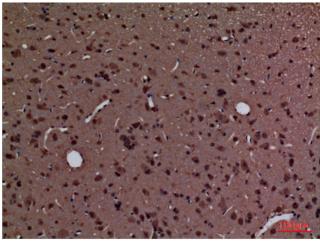




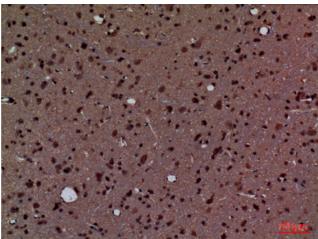
Products Images



Western Blot analysis of 293, HepG2, A549, SHSY5Y, PC-12, BXPC-3, Jurkat, mouse kidney, mouse lung cells using CyPA Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



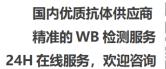
Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



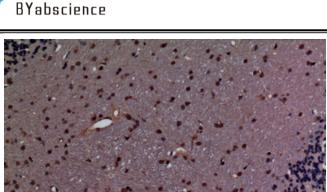
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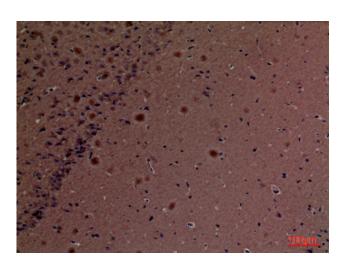








Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



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