Product Name: **Cyclophilin D Rabbit Polyclonal Antibody**
Catalog #: **APRab09610**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	40kDa

Antigen Information

Gene Name	PPID
Alternative Names	PPID; CYP40; CYPD; Peptidyl-prolyl cis-trans isomerase D; PPIase D; 40 kDa peptidyl-prolyl cis-trans isomerase; Cyclophilin-40; CYP-40; Cyclophilin-related protein; Rotamase D
Gene ID	5481.0
SwissProt ID	Q08752
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human PPID. AA range:321-370

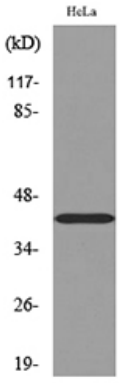
Background

The protein encoded by this gene is 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. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A. [provided by RefSeq, Jul 2008],catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,enzyme regulation:Less sensitive to inhibition by cyclosporin A than is CYP-18.,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 D subfamily.,similarity:Contains 1 PPIase cyclophilin-type domain.,similarity:Contains 3 TPR repeats.,subunit:Binds ESR1.,tissue specificity:Widely expressed.,

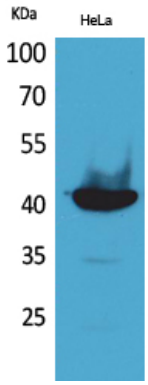
Research Area

Calcium;Parkinson's disease;Huntington's disease;

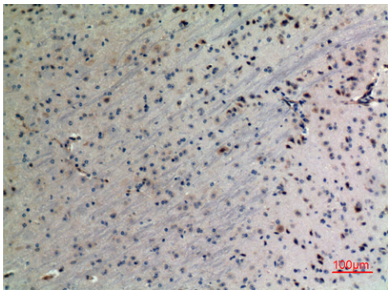
Image Data



Western blot analysis of lysate from HeLa cells, using PPID Antibody.



Western Blot analysis of HeLa cells using Cyclophilin D Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



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