

Cyclophilin D Polyclonal Antibody

Catalog No: YT5144

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: Cyclophilin D

Fields: >>Necroptosis;>>Cellular senescence;>>Alzheimer disease;>>Pathways of

neurodegeneration - multiple diseases;>>Shigellosis

Gene Name: PPID

Protein Name: Peptidyl-prolyl cis-trans isomerase D

Q08752

Q9CR16

Human Gene Id: 5481

Human Swiss Prot

No:

Mouse Gene Id: 67738

Mouse Swiss Prot

No:

Rat Gene Id: 361967

Rat Swiss Prot No: Q6DGG0

Immunogen: The antiserum was produced against synthesized peptide derived from the C-

terminal region of human PPID. AA range:321-370

Specificity: Cyclophilin D Polyclonal Antibody detects endogenous levels of Cyclophilin D

protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200

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Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 40kD

Cell Pathway: Calcium; Parkinson's disease; Huntington's disease;

Background: The protein encoded by this gene is 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. This protein has been shown to possess PPlase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A. [provided by

RefSeq, Jul 2008],

Function: catalytic activity:Peptidylproline (omega=180) = peptidylproline

(omega=0).,enzyme regulation:Less sensitive to inhibition by cyclosporin A than is CYP-18.,function:PPlases accelerate the folding of proteins.,function:PPlases 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 PPlase family., similarity: Belongs to the cyclophilin-type PPlase family. PPlase D subfamily., similarity: Contains 1 PPlase cyclophilin-type domain., similarity: Contains 3 TPR repeats., subunit: Binds

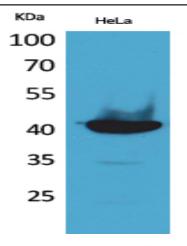
ESR1.,tissue specificity:Widely expressed.,

Subcellular Location:

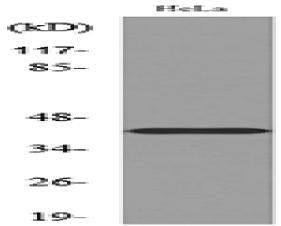
Cytoplasm . Nucleus, nucleolus . Nucleus, nucleoplasm .

Expression: Widely expressed.

Products Images



Western Blot analysis of HeLa cells using Cyclophilin D Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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