



Rabbit Anti-Human CYPD Polyclonal Antibody (CABT-L2136)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Polyclonal Antibody to Cyclophilin D (Knockout Validated) |
| Specificity | The antibody is a rabbit polyclonal antibody raised against CYPD. It has been selected for its ability to recognize CYPD in immunohistochemical staining and western blotting. |
| Target | CYPD |
| Immunogen | Recombinant fragment corresponding to human PPID (Gln7~Pro206) |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse, Rat |
| Purification | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 200 µg |
| Buffer | Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4. |
| Preservative | 0.05% Proclin-300 |

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| Storage | Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. |
| Ship | 4°C with ice bags |

BACKGROUND

Introduction 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]

Keywords PPID;CYP-40;CyP-D;PPIase D;Peptidylprolyl Isomerase D;Cyclophilin 40;40 kDa peptidyl-prolyl cis-trans isomerase;Cyclophilin-related protein;Rotamase D

GENE INFORMATION

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| Gene Name | PPID peptidylprolyl isomerase D [Homo sapiens (human)] |
| Official Symbol | PPID |
| Synonyms | PPID; peptidylprolyl isomerase D; CYPD; CYP-40; peptidyl-prolyl cis-trans isomerase D; PPIase D; rotamase D; cyclophilin D; cyclophilin 40; cyclophilin-40; cyclophilin-related protein; 40 kDa peptidyl-prolyl cis-trans isomerase D; |
| Protein Refseq | NP_005029 |
| UniProt ID | E5KN55 |
| Chromosome Location | 4q31.3 |
| Pathway | C-MYB transcription factor network; |
| Function | Hsp70 protein binding; Hsp90 protein binding; cyclosporin A binding; estrogen receptor binding; heat shock protein binding; peptidyl-prolyl cis-trans isomerase activity; protein binding; transcription factor binding; |