

## Rabbit anti-Human PPIE Polyclonal Antibody | anti-PPIE antibody

PPIE Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA234720</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

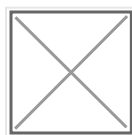
### PRODUCT SYNONYMS

PPIE; Polyclonal Antibody; PPIE Antibody; Peptidyl-prolyl cis-trans isomerase E; PPIase E; Cyclophilin E; Cyclophilin-33; Rotamase E; CYP33; anti-PPIE antibody

### PRODUCT SPECIFICATIONS

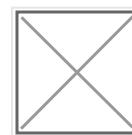
|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 314                                                                              |
| Applicable Applications for anti-PPIE antibody | IHC (Immunohistochemistry), ELISA                                                |
| Immunogen                                      | Recombinant Human Peptidyl-prolyl cis-trans isomerase E protein (86-141AA)       |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



#### IHC (Immunohistochemistry)

IHC image of AAA234720 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234720 diluted at 1:300 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-PPIE antibody</b> | PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Combines RNA-binding and PPIase activities. May be involved in muscle- and brain-specific processes. May be involved in pre-mRNA splicing. |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 303305009                                                                      |
| NCBI GeneID                      | 10450                                                                          |
| NCBI Accession #                 | NP_001181936.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001195007.1                                                                 |
| UniProt Accession #              | Q9UNP9; O43634; O43635; Q32Q72; Q3S611; Q5TGA0; Q5TGA2; Q5TGA3; Q9UIZ5; B2R971 |
| Molecular Weight                 | 34,991 Da                                                                      |
| NCBI Official Full Name          | peptidyl-prolyl cis-trans isomerase E isoform 4                                |
| NCBI Official Synonym Full Names | peptidylprolyl isomerase E                                                     |
| NCBI Official Symbol             | PPIE                                                                           |
| NCBI Official Synonym Symbols    | CYP33; CYP-33                                                                  |
| NCBI Protein Information         | peptidyl-prolyl cis-trans isomerase E                                          |
| UniProt Protein Name             | Peptidyl-prolyl cis-trans isomerase E                                          |
| UniProt Gene Name                | <b>PPIE</b>                                                                    |
| UniProt Synonym Gene Names       | CYP33; PPlase E                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.