

## Rabbit anti-Human, Mouse PPIA Polyclonal Antibody | anti-PPIA antibody

PPIA Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308593</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

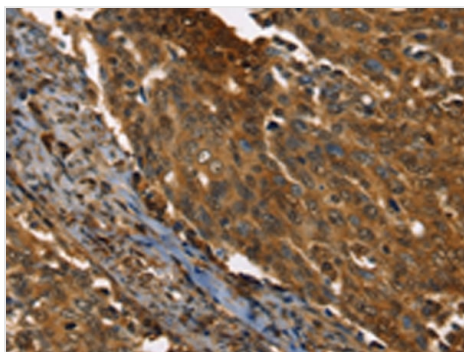
### PRODUCT SYNONYMS

PPIA; Polyclonal Antibody; PPIA Antibody; CYPA; CYPH; HEL-S-69p; anti-PPIA antibody

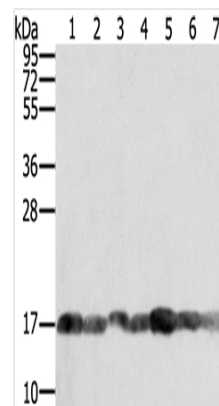
### PRODUCT SPECIFICATIONS

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Host                                           | Rabbit                                                          |
| Reactivity                                     | Human, Mouse                                                    |
| Clonality                                      | Polyclonal                                                      |
| Specificity                                    | The antibody detects endogenous levels of total PPIA protein.   |
| Purity/Purification                            | Antigen Affinity Purification                                   |
| Form/Format                                    | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                  | 1.8 mg/ml (varies by lot)                                       |
| Sequence Length                                | 105                                                             |
| Applicable Applications for anti-PPIA antibody | IHC (Immunohistochemistry), WB (Western Blot)                   |
| Immunogen                                      | Fusion protein of human PPIA                                    |
| Immunogen Type                                 | Protein                                                         |
| Preparation and Storage                        | Store at -20 degree C                                           |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/35,


**WB (Western Blot)**

Gel: 12%SDS-PAGE Lysate: 40 &amp;#956;g Lane 1-7: PC3 cells, Raji cells, NIH/3T3 cells, K562 cells, hela cells, hepg2 cells, Jurkat cells Primary antibody: 1/400 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 5 seconds

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PPIA antibody | This gene encodes 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. 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. |
| Product Categories/Family for anti-PPIA antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 665821274                                                                      |
| NCBI GeneID                      | 5478                                                                           |
| NCBI Accession #                 | NP_001287910.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001300981.1                                                                 |
| UniProt Accession #              | P62937; P05092; Q3KQW3; Q567Q0; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220 |
| Molecular Weight                 | 11,418 Da                                                                      |
| NCBI Official Full Name          | peptidyl-prolyl cis-trans isomerase A isoform 2                                |
| NCBI Official Synonym Full Names | peptidylprolyl isomerase A                                                     |
| NCBI Official Symbol             | PPIA                                                                           |
| NCBI Official Synonym Symbols    | CYPA; CYPH; HEL-S-69p                                                          |
| NCBI Protein Information         | peptidyl-prolyl cis-trans isomerase A                                          |
| UniProt Protein Name             | Peptidyl-prolyl cis-trans isomerase A                                          |
| UniProt Gene Name                | PPIA                                                                           |
| UniProt Synonym Gene Names       | CYPA; PPIase A                                                                 |
| UniProt Entry Name               | PPIA_HUMAN                                                                     |

**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.

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