

## Rabbit Cyclophilin A (CYPA) Polyclonal Antibody | anti-CYPA antibody

Polyclonal Antibody to Cyclophilin A (CYPA)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA131645 | Rabbit | Rat, Human, Mouse | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

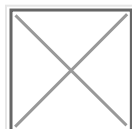
### PRODUCT SYNONYMS

Cyclophilin A (CYPA); Polyclonal Antibody; Polyclonal Antibody to Cyclophilin A (CYPA); anti-CYPA antibody

### PRODUCT SPECIFICATIONS

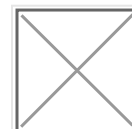
|                                                |                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                       |
| Reactivity                                     | Rat, Human, Mouse                                                                                                                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                   |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against CYPA. It has been selected for its ability to recognize CYPA in immunohistochemical staining and western blotting.                                                                                                               |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                      |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                   |
| Concentration                                  | 0.8mg/ml (varies by lot)                                                                                                                                                                                                                                                                     |
| Sequence                                       | Antigen: The target protein is fused with a His-tag and its sequence is listed below.<br>M GHHHHHSGS -VNPTVFFDI TADGEPLGRV CFELFADKVP KTAENFRALS TGEKGFGYKG SSFHRIPGF<br>MCQGGDFTRH NGTGGKSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE WLDGKHVVFG<br>KVKEGMSIVE AMERFGSRNG KTSKITISD CGQL |
| Sequence Length                                | 164                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-CYPA antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                              |
| Immunogen                                      | Recombinant CYPA (Val2~Leu164) expressed in E.coli.                                                                                                                                                                                                                                          |
| Cross Reactivity                               | Rat                                                                                                                                                                                                                                                                                          |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                        |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                |

### IMAGES



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded ovary tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**

Western Blot: Sample: Rat Ovary lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat CYPA Antibody  
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**NCBI AND UNIPROT INFORMATION**

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 8394009                                    |
| NCBI GeneID                      | 25518                                      |
| NCBI Accession #                 | NP_058797.1                                |
| NCBI GenBank Nucleotide #        | NM_017101.1                                |
| UniProt Accession #              | P10111; P18303; Q5BK98                     |
| Molecular Weight                 | 17,874 Da                                  |
| NCBI Official Full Name          | peptidyl-prolyl cis-trans isomerase A      |
| NCBI Official Synonym Full Names | peptidylprolyl isomerase A (cyclophilin A) |
| NCBI Official Symbol             | Ppia                                       |
| NCBI Official Synonym Symbols    | CYCA; CyP-A                                |
| NCBI Protein Information         | peptidyl-prolyl cis-trans isomerase A      |
| UniProt Protein Name             | Peptidyl-prolyl cis-trans isomerase A      |
| UniProt Gene Name                | <b>Ppia</b>                                |
| UniProt Synonym Gene Names       | PPlase A                                   |

**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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