

## Rabbit 14-3-3 gamma Polyclonal Antibody | anti-YWHAG antibody

Anti-14-3-3 gamma Antibody

| CATALOG # | HOST   | REACTIVITY                                    | APPLICATIONS                                          |
|-----------|--------|-----------------------------------------------|-------------------------------------------------------|
| AAA104519 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Zebrafish | Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

14-3-3 gamma; Polyclonal Antibody; Anti-14-3-3 gamma Antibody; 14-3-3 protein gamma; Protein kinase C inhibitor protein 1; KCIP-1; anti-YWHAG antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                             |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat, Bovine, Chicken, Zebrafish                                                                                               |
| Clonality                                       | Polyclonal                                                                                                                                  |
| Specificity                                     | Recognizes endogenous levels of 14-3-3 gamma protein.                                                                                       |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                             |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                   |
| Sequence Length                                 | 247                                                                                                                                         |
| Applicable Applications for anti-YWHAG antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                       |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human 14-3-3 gamma. The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                              |

### IMAGES

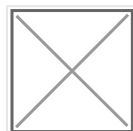


#### IF (Immunofluorescence)

Immunofluorescent analysis of 14-3-3 gamma staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### IHC (Immunohistochemistry)



#### WB (Western Blot)

Western blot analysis of 14-3-3 gamma expression in A549 (A), A431 (B), K562 (C), NIH3T3 (D), PC12 (E), rat liver (F) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                            |
|-----------------------------------------------------|--------------------------------------------|
| Related Product Information for anti-YWHAG antibody | Rabbit polyclonal antibody to 14-3-3 gamma |
|-----------------------------------------------------|--------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21464101                                                                                                                                                                                                                   |
| NCBI GeneID                      | 7532                                                                                                                                                                                                                       |
| NCBI Accession #                 | NP_036611.2                                                                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_012479.3                                                                                                                                                                                                                |
| UniProt Accession #              | P61981; O70457; P35214; Q6FH52; Q9UDP2; Q9UN99                                                                                                                                                                             |
| Molecular Weight                 | 28,303 Da                                                                                                                                                                                                                  |
| NCBI Official Full Name          | 14-3-3 protein gamma                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma                                                                                                                                              |
| NCBI Official Symbol             | YWHAG                                                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | PPP1R170; 14-3-3GAMMA                                                                                                                                                                                                      |
| NCBI Protein Information         | 14-3-3 protein gamma; KCIP-1; 14-3-3 gamma; protein kinase C inhibitor protein 1; protein phosphatase 1, regulatory subunit 170; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide |
| UniProt Protein Name             | 14-3-3 protein gamma                                                                                                                                                                                                       |
| UniProt Gene Name                | YWHAG                                                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | KCIP-1                                                                                                                                                                                                                     |
| UniProt Entry Name               | 1433G_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/14-3-3-gamma-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/104519>