

## Rabbit anti-Human PDE1B Polyclonal Antibody | anti-PDE1B antibody

PDE1B Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                            |
|-----------|--------|------------|-----------------------------------------|
| AAA243468 | Rabbit | Human      | Immunofluorescence, Western Blot, ELISA |

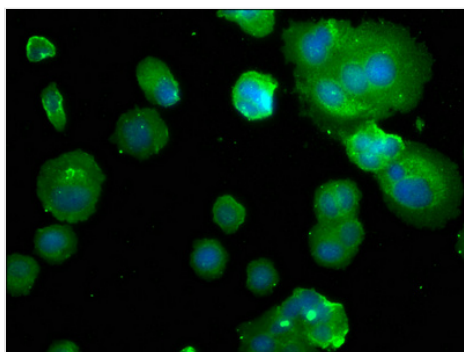
### PRODUCT SYNONYMS

PDE1B; Polyclonal Antibody; PDE1B Antibody; Calcium/calmodulin-dependent 3',5'-cyclic Nucleotide phosphodiesterase 1B (Cam-PDE 1B) (EC 3.1.4.17) (63 kDa Cam-PDE); PDE1B1 PDES1B; anti-PDE1B antibody

### PRODUCT SPECIFICATIONS

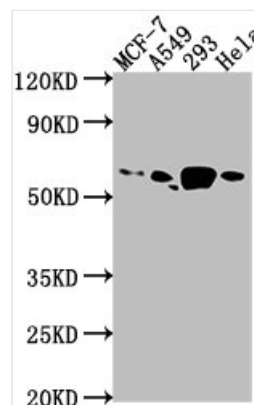
|                                                 |                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                        |
| Reactivity                                      | Human                                                                                                         |
| Clonality                                       | Polyclonal                                                                                                    |
| Isotype                                         | IgG                                                                                                           |
| Purity/Purification                             | Antigen Affinity Purified                                                                                     |
| Form/Format                                     | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4                    |
| Applicable Applications for anti-PDE1B antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                             |
| Immunogen                                       | Recombinant Human Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B protein (1-277AA) |
| Immunogen Species                               | Human                                                                                                         |
| Conjugate                                       | Non-conjugated                                                                                                |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                   |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of MCF-7 with AAA243468 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysate, A549 whole cell lysate, 293 whole cell lysate, HeLa whole cell lysateAll lanes: PDE1B antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 62, 60 kDaObserved band size: 62 kDa

ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-PDE1B antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 3183514                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 5153                                                                                                                                                                                                                                                            |
| UniProt Accession #              | Q01064; Q92825; Q96KP3                                                                                                                                                                                                                                          |
| Molecular Weight                 | 536                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | phosphodiesterase 1B, calmodulin-dependent                                                                                                                                                                                                                      |
| NCBI Official Symbol             | PDE1B                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | PDE1B1; PDES1B                                                                                                                                                                                                                                                  |
| NCBI Protein Information         | calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B; cam-PDE 1B; 63 kDa Cam-PDE; calmodulin-stimulated phosphodiesterase PDE1B1; calcium/calmodulin-stimulated cyclic nucleotide phosphodiesterase; presumed 63kDa form of the type 1 cyc |
| UniProt Protein Name             | Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B                                                                                                                                                                                       |
| UniProt Gene Name                | PDE1B                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | PDE1B1; PDES1B; Cam-PDE 1B                                                                                                                                                                                                                                      |
| UniProt Entry Name               | PDE1B_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/pde1b-antibody-immunofluorescence-western-blot-elisa/243468>