

## Rabbit anti-Human PDE8A Polyclonal Antibody | anti-PDE8A antibody

PDE8A Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA243471 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

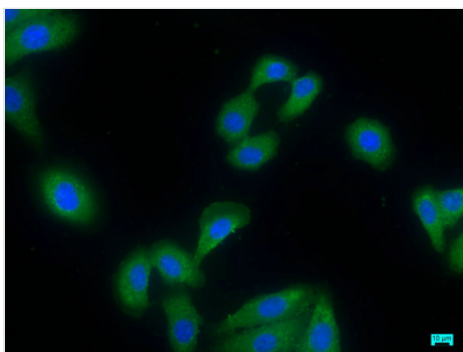
### PRODUCT SYNONYMS

PDE8A; Polyclonal Antibody; PDE8A Antibody; High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.53); anti-PDE8A antibody

### PRODUCT SPECIFICATIONS

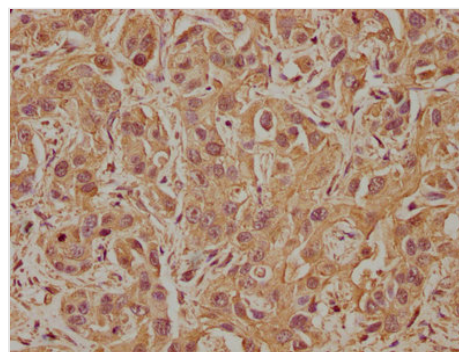
|                                                 |                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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-PDE8A antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                               |
| Immunogen                                       | Recombinant Human High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A protein (596-829AA) |
| 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 HepG2 cells with AAA243471 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).



#### IHC (Immunohistochemistry)

IHC image of AAA243471 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM 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

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-PDE8A antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 27734721                                                                                                    |
| NCBI GeneID                      | 5151                                                                                                        |
| UniProt Accession #              | O60658; Q6P9H3; Q969I1; Q96PC9; Q96PD0; Q96PD1; Q96T71; Q9UMB7; Q9UMC3; B3KXE6                              |
| NCBI Official Full Name          | high affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A isoform 1 [Homo sapiens] |
| NCBI Official Synonym Full Names | phosphodiesterase 8A                                                                                        |
| NCBI Official Symbol             | PDE8A                                                                                                       |
| NCBI Official Synonym Symbols    | FLJ16150; HsT19550; PDE8A                                                                                   |
| UniProt Protein Name             | High affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A                          |
| UniProt Gene Name                | PDE8A                                                                                                       |
| UniProt Entry Name               | PDE8A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/pde8a-antibody-immunofluorescence-immunohistochemistry-elisa/243471>