

## Rabbit anti-Human, Mouse PDE6A Polyclonal Antibody | anti-PDE6A antibody

PDE6A Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA231014 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

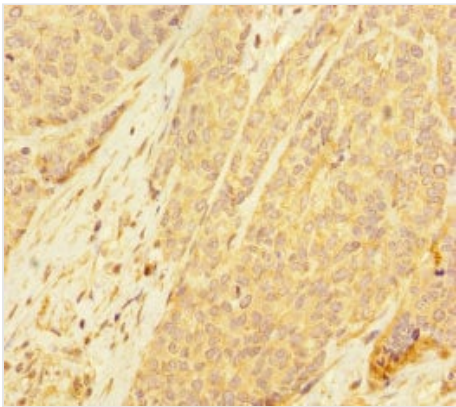
### PRODUCT SYNONYMS

PDE6A; Polyclonal Antibody; PDE6A Antibody; Rod cGMP-specific 3'; 5'-cyclic phosphodiesterase subunit alpha; GMP-PDE alpha; PDE V-B1; PDEA; anti-PDE6A antibody

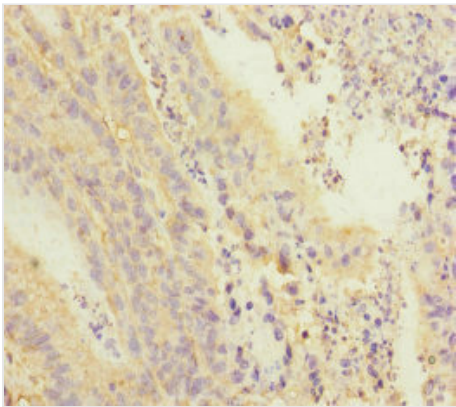
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 860                                                                                                            |
| Applicable Applications for anti-PDE6A antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha protein (C-205AA)             |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28488                                  |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

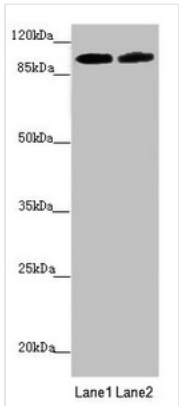
IMAGES



**IHC (Immunohistochemisry)**  
Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA231014 at dilution of 1:100



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of paraffin-embedded human colon cancer using AAA231014 at dilution of 1:100



**WB (Western Blot)**  
Western blotAll lanes: PDE6A antibody at 3.33 ug/mlLane 1: Mouse eye tissueLane 2: A549 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 100 kDaObserved band size: 100 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PDE6A antibody | This protein participates in processes of transmission and amplification of the visual signal. |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 170650674                                                      |
| NCBI GeneID                      | 5145                                                           |
| NCBI Accession #                 | NP_000431.2                                                    |
| NCBI GenBank Nucleotide #        | NM_000440.2                                                    |
| UniProt Accession #              | P16499; Q0P638                                                 |
| Molecular Weight                 | 99,547 Da                                                      |
| NCBI Official Full Name          | rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha |
| NCBI Official Synonym Full Names | phosphodiesterase 6A                                           |
| NCBI Official Symbol             | PDE6A                                                          |
| NCBI Official Synonym Symbols    | PDEA; RP43; CGPR-A                                             |

|                            |                                                                |
|----------------------------|----------------------------------------------------------------|
| NCBI Protein Information   | rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha |
| UniProt Protein Name       | Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha |
| UniProt Gene Name          | PDE6A                                                          |
| UniProt Synonym Gene Names | PDEA; GMP-PDE alpha                                            |
| UniProt Entry Name         | PDE6A_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://stage.aaabiotech.com/polyclonal/pde6a-antibody-immunohistochemistry-western-blot-elisa/231014>