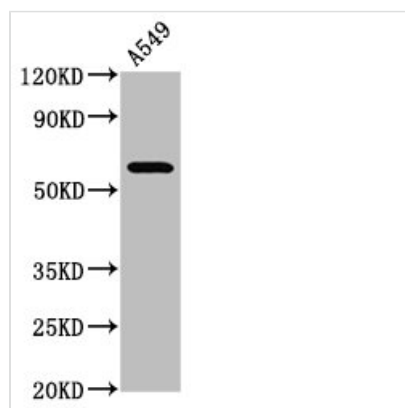




# PDE9A Antibody

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA527985LA01HU                                                                                  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                       |
| <b>Uniprot No.</b>         | O76083                                                                                              |
| <b>Immunogen</b>           | Recombinant Human High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A protein (426-533AA) |
| <b>Raised In</b>           | Rabbit                                                                                              |
| <b>Species Reactivity</b>  | Human                                                                                               |
| <b>Tested Applications</b> | ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500         |
| <b>Form</b>                | Liquid                                                                                              |
| <b>Conjugate</b>           | Non-conjugated                                                                                      |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4                    |
| <b>Purification Method</b> | >95%, Protein G purified                                                                            |
| <b>Isotype</b>             | IgG                                                                                                 |
| <b>Clonality</b>           | Polyclonal                                                                                          |
| <b>Alias</b>               | High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A (EC 3.1.4.35), PDE9A                  |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                |
| <b>Research Area</b>       | Signal Transduction                                                                                 |
| <b>Target Names</b>        | PDE9A                                                                                               |

## Image



### Western Blot

Positive WB detected in: A549 whole cell lysate

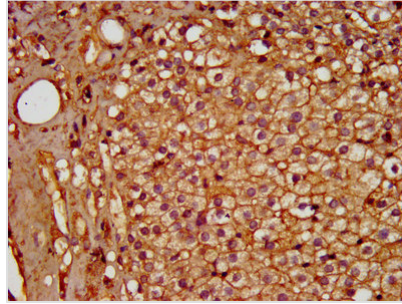
All lanes: PDE9A antibody at 3.9µg/ml

### Secondary

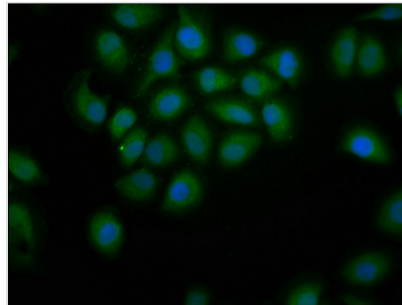
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 69, 62, 55, 63, 58, 46, 59, 51, 45, 54, 65, 66, 57 kDa

Observed band size: 69 kDa



IHC image of CSB-PA527985LA01HU diluted at 1:600 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond<sup>TM</sup> 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of A549 cells with CSB-PA527985LA01HU at 1:200, 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°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).