

## Goat PDE5A Polyclonal Antibody | anti-PDE5A antibody

Goat anti-PDE5A Antibody

| CATALOG # | HOST | REACTIVITY                                                             | APPLICATIONS        |
|-----------|------|------------------------------------------------------------------------|---------------------|
| AAA61113  | Goat | Tested: Human; Expected from sequence similarity: Human, Rat, Dog, Cow | Western Blot, ELISA |

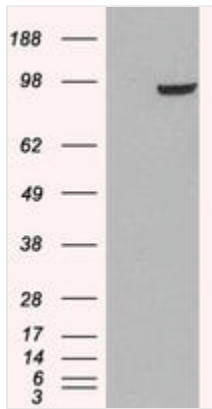
### PRODUCT SYNONYMS

PDE5A; Polyclonal Antibody; Goat anti-PDE5A Antibody; CN5A; PDE5; PDE5A1; CGB-PDE; phosphodiesterase 5A; cGMP-specific; cGMP-binding cGMP-specific 3'; 5'-cyclic nucleotide phosphodiesterase; PDE5A antibody; CN5A antibody; PDE5 antibody; PDE5A1 antibody; CGB-PDE antibody; cGMP-specific antibody; cGMP-binding cGMP-specific 3'1; 5'1-cyclic nucleotide phosphodiesterase antibody; anti-PDE5A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                               |
| Reactivity                                      | Tested: Human; Expected from sequence similarity: Human, Rat, Dog, Cow                                                                             |
| Clonality                                       | Polyclonal                                                                                                                                         |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.              |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                   |
| Concentration                                   | 100ug specific antibody in 200ul (varies by lot)                                                                                                   |
| Sequence                                        | LINGESGQAK RN                                                                                                                                      |
| Sequence Length                                 | 875                                                                                                                                                |
| Applicable Applications for anti-PDE5A antibody | WB (Western Blot), ELISA (Peptide ELISA)                                                                                                           |
| Immunogen                                       | Peptide with sequence C-LINGESGQAKRN, from the C Terminus of the protein sequence according to NP_001074.2; NP_246273.2; NP_236914.2; (NP_237223). |
| Epitope                                         | C Terminus                                                                                                                                         |
| Note                                            | This antibody is expected to recognise reported isoforms NP_001074.2, NP_236914.2 and NP_246273.2.                                                 |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                                  |

IMAGES



**WB (Western Blot)**  
HEK293 overexpressing PDE5A (RC218974) and probed (mock transfection in first lane), tested by Origene.



**WB (Western Blot)**  
Staining (0.3ug/ml) of human lung lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 61744435                                               |
| NCBI GeneID                      | 8654                                                   |
| NCBI Accession #                 | NP_001074.2; NP_246273.2; NP_236914.2; NP_237223       |
| NCBI GenBank Nucleotide #        | NM_001083.3                                            |
| Molecular Weight                 | 94,805 Da                                              |
| NCBI Official Full Name          | cGMP-specific 3',5'-cyclic phosphodiesterase isoform 1 |
| NCBI Official Synonym Full Names | phosphodiesterase 5A                                   |
| NCBI Official Symbol             | PDE5A                                                  |
| NCBI Official Synonym Symbols    | CN5A; PDE5; CGB-PDE                                    |
| NCBI Protein Information         | cGMP-specific 3',5'-cyclic phosphodiesterase           |
| UniProt Protein Name             | cGMP-specific 3',5'-cyclic phosphodiesterase           |
| UniProt Gene Name                | PDE5A                                                  |
| UniProt Synonym Gene Names       | PDE5; CGB-PDE                                          |
| UniProt Entry Name               | PDE5A_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.