

## Goat Phosphodiesterase 4B Polyclonal Antibody | anti-PDE4B antibody

Goat anti-Phosphodiesterase 4B Antibody

| CATALOG # | HOST | REACTIVITY                                                          | APPLICATIONS        |
|-----------|------|---------------------------------------------------------------------|---------------------|
| AAA60912  | Goat | Tested: Mouse; Expected from sequence similarity: Human, Mouse, Rat | Western Blot, ELISA |

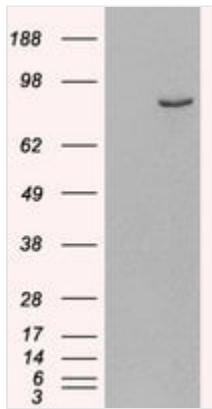
### PRODUCT SYNONYMS

Phosphodiesterase 4B; Polyclonal Antibody; Goat anti-Phosphodiesterase 4B Antibody; Goat Anti-PDE4B Antibody; PDE4B; phosphodiesterase 4B; cAMP-specific (phosphodiesterase E4 dunce homolog; Drosophila); RP5-876C12.1; DKFZp686F2182; DPDE4; MGC126529; PDEIVB; OTTHUMP00000046896; cAMP-specific 3'; 5'-cyclic phosphodiesterase 4B; dunce-like phosphodiesterase E4; phos; PDE4B antibody; Drosophila) antibody; RP5-876C12.1 antibody; DKFZp686F2182 antibody; DPDE4 antibody; MGC126529 antibody; PDEIVB antibody; OTTHUMP00000046896 antibody; cAMP-specific 3\1; 5\1-cyclic phosphodiesterase 4B antibody; dunce-like phosphodiesterase E4 antibody; cAMP-specific antibody; cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4) antibody; anti-PDE4B antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                                          |
| Reactivity                                      | Tested: Mouse; Expected from sequence similarity: Human, Mouse, Rat                                                                                           |
| 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                                        | DIDIATEDKS PVDT                                                                                                                                               |
| Sequence Length                                 | 736                                                                                                                                                           |
| Applicable Applications for anti-PDE4B antibody | WB (Western Blot), ELISA (Peptide ELISA)                                                                                                                      |
| Immunogen                                       | Peptide with sequence C-DIDIATEDKSPVDT, from the C Terminus of the protein sequence according to NP_002591.2; NP_001032418.1; NP_001032416.1; NP_001032417.1. |
| Epitope                                         | C Terminus                                                                                                                                                    |
| Note                                            | This antibody is expected to recognise all reported isoforms (NP_002591.2, NP_001032418.1, NP_001032416.1 and NP_001032417.1).                                |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                                             |

IMAGES



**WB (Western Blot)**  
HEK293 overexpressing Human PDE4B (RC211956) and probed (mock transfection in first lane), tested by Origene.



**WB (Western Blot)**  
0.5ug/ml staining of Mouse Brain Lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 32171241                                                    |
| NCBI GeneID                      | 5142                                                        |
| NCBI Accession #                 | NP_002591.2; NP_001032418.1; NP_001032416.1; NP_001032417.1 |
| NCBI GenBank Nucleotide #        | NM_002600.3                                                 |
| Molecular Weight                 | 57,709 Da                                                   |
| NCBI Official Full Name          | cAMP-specific 3',5'-cyclic phosphodiesterase 4B isoform 1   |
| NCBI Official Synonym Full Names | phosphodiesterase 4B                                        |
| NCBI Official Symbol             | PDE4B                                                       |
| NCBI Official Synonym Symbols    | DPDE4; PDEIVB                                               |
| NCBI Protein Information         | cAMP-specific 3',5'-cyclic phosphodiesterase 4B             |
| UniProt Protein Name             | cAMP-specific 3',5'-cyclic phosphodiesterase 4B             |
| UniProt Gene Name                | PDE4B                                                       |
| UniProt Synonym Gene Names       | DPDE4                                                       |
| UniProt Entry Name               | PDE4B_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.