

#### OriGene Technologies, Inc.

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# Product datasheet for TA311317

### **PDE1A Goat Polyclonal Antibody**

### **Product data:**

| Product Type:         | Primary Antibodies   |
|-----------------------|--|
| Applications:         | WB   |
| Recommended Dilution: | WB: 1-3ug/ml   |
| Reactivity:           | Human (Expected from sequence similarity: Mouse, Rat, Cow)   |
| Host:                 | Goat   |
| Clonality:            | Polyclonal   |
| Immunogen:            | Peptide with sequence C-DLHKNSEDLVNAE, from the C Terminus of the protein sequence according to NP_005010.2.   |
| Formulation:          | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.Aliquot and store at -20C. Minimize freezing and thawing. |
| Concentration:        | lot specific   |
| Purification:         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                    |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | phosphodiesterase 1A   |
| Database Link:        | <u>NP_005010</u><br><u>Entrez Gene 18573 MouseEntrez Gene 81529 RatEntrez Gene 5136 Human</u><br><u>P54750</u>   |
| Synonyms:             | CAM-PDE-1A; HCAM-1; HCAM1; HSPDE1A   |
| Protein Families:     | Druggable Genome   |
| Protein Pathways:     | Calcium signaling pathway, Progesterone-mediated oocyte maturation, Purine metabolism,<br>Taste transduction   |



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## **Product images:**

|   | 250kDa<br>150kDa<br>100kDa |   |
|---|----------------------------|---|
|   | 75kDa                      |   |
| 7 | 50kDa                      |   |
|   | 37kDa                      | (1ug/ml) staining of Human Cerebellum lysate<br>(35ug protein in RIPA buffer). Primary incubation |
|   | 25kDa                      | was 1 hour. Detected by chemiluminescence.  |
|   | 20kDa                      |   |
|   | 15kDa                      |   |

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