

## Product datasheet for **TA359700**

### PDE11A Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PDE11A
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	102 kDa
Gene Name:	phosphodiesterase 11A
Database Link:	<a href="#">NP_001070664.1</a> <a href="#">Entrez Gene 50940 Human</a> <a href="#">Q9HCR9</a>



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**Background:**

The 3',5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety of signal transduction pathways. 3',5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis of cAMP and cGMP to the corresponding 5'-monophosphates and provide a mechanism to downregulate cAMP and cGMP signaling. This gene encodes a member of the PDE protein superfamily. Mutations in this gene are a cause of Cushing disease and adrenocortical hyperplasia. Multiple transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

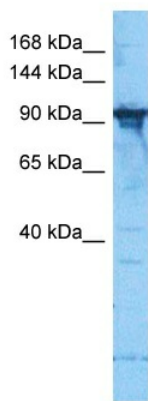
FLJ23693; MGC133355; MGC133356; OTTHUMP00000205272; PDE11A1; PDE11A2; PDE11A3; PPNAD2

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Progesterone-mediated oocyte maturation, Purine metabolism

**Product images:**

Host: Rabbit  
Target Name: PDE11A  
Sample Type: DLD1 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: PDE11A  
Sample Tissue: DLD1 Whole Cell lysates  
Antibody Dilution: 1ug/ml