

## Product datasheet for TA302565

### PDE4D Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:128,000. WB: 0.01-0.03µg/ml.
Reactivity:	Rat (Expected from sequence similarity: Human, Pig)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence HVNNFPFRRHS-C, from the N Terminus of the protein sequence according to AAA97892.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80097 Da
Gene Name:	phosphodiesterase 4D
Database Link:	<a href="#">NP_006194 Entrez Gene 24627 RatEntrez Gene 5144 Human</a>
Background:	The PDE4D gene is complex and has at least 9 different isoforms that encode functional proteins. These proteins degrade the second messenger cAMP, which is a key signal transduction molecule in multiple cell types, including vascular cells (Dominiczak and McBride, 2003 [PubMed 14517535]). [supplied by OMIM]
Synonyms:	ACRDYS2; DPDE3; HSPDE4D; PDE4DN2; PDE43; STRK1
Protein Families:	Druggable Genome
Protein Pathways:	Progesterone-mediated oocyte maturation, Purine metabolism



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**Product images:**

TA302565 (0.01ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.