

Product datasheet for **TA342145**

PDE2A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Pde2a antibody: synthetic peptide corresponding to a region of Rat. Synthetic peptide located within the following region: CRSQQYPAARPAEPRGQQVFLKPDEPPPQCADSLQDALLSLGAVIDIAG
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:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	104 kDa
Gene Name:	phosphodiesterase 2A
Database Link:	NP_002590 Entrez Gene 81743 Rat O00408



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Background:	activation induces decreased cAMP accumulation; involved in nitric oxide mediated signaling in cardiac fibroblasts [RGD, Feb 2006]. Transcript Variant:This variant (1) representsThe longest transcript and encodesThe longest isoform (PDE2A3).This variant is assembled from partial rat transcripts.The full-length exon combination is based onThe mouse ortholog, NM_001008548.4. Publication Note:This RefSeq record includes a subset ofThe publications that are available forThis gene. Please seeThe Gene record to access additional publications. ##Evidence-Data-START## RNAseq introns :: single sample supports all introns ERS160522, ERS160537 [ECO:0000348] ##Evidence-Data-END##
Synonyms:	CGS-PDE; cGSPDE; PDE2A1; PED2A4
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%
Protein Families:	Druggable Genome
Protein Pathways:	Progesterone-mediated oocyte maturation, Purine metabolism
Product images:	



WB Suggested Anti-Pde2a Antibody; Titration: 1.0 ug/ml; Positive Control: Rat Brain