



Anti-PDE2A (aa 850-940) polyclonal antibody (DPAB-DC2162)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	PDE2A (phosphodiesterase 2A, cGMP-stimulated) is a protein-coding gene, and is affiliated with the lncRNA class. Diseases associated with PDE2A include fainting, and retinal degeneration, and among its related super-pathways are Melatonin Signaling and Activation of cAMP-Dependent PKA. GO annotations related to this gene include calcium channel activity and protein homodimerization activity. An important paralog of this gene is PDE11A.
Immunogen	PDE2A (NP_002590, 850 a.a. ~ 940 a.a) partial recombinant protein with GST tag. The sequence is REKAYIPELQLQISFMEHIAMPIYKLLQDLFPKAAELYERVASNREHWTKVSHKFTIRGLPS NNSLDFLDEEYEVPDLDGTRAPINGCCSLDA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PDE2A phosphodiesterase 2A, cGMP-stimulated [Homo sapiens (human)]
Official Symbol	PDE2A
Synonyms	PDE2A; phosphodiesterase 2A, cGMP-stimulated; PDE2A1; PED2A4; cGSPDE; CGS-PDE; cGMP-dependent 3,5-cyclic phosphodiesterase; cGMP-stimulated phosphodiesterase 1; cGMP-stimulated phosphodiesterase 4; cyclic GMP-stimulated phosphodiesterase;
Entrez Gene ID	5138
Protein Refseq	NP_001137311
UniProt ID	O00408
Chromosome Location	11q13.4
Pathway	G alpha (s) signalling events; Hemostasis; Nitric oxide stimulates guanylate cyclase; Purine metabolism
Function	TPR domain binding; cAMP binding; cGMP binding; cGMP-stimulated cyclic-nucleotide phosphodiesterase activity
