



PDE2A rabbit pAb

Cat No.:ES9528

For research use only

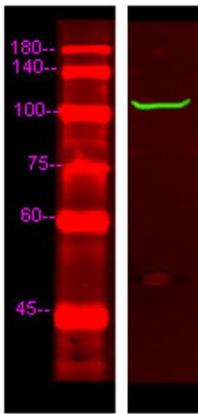
Overview

Product Name	PDE2A rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PDE2A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	cGMP-dependent 3',5'-cyclic phosphodiesterase (EC 3.1.4.17) (Cyclic GMP-stimulated phosphodiesterase) (CGS-PDE) (cGSPDE)
Gene Name	PDE2A
Cellular localization	[Isoform PDE2A3]: Cell membrane ; Lipid-anchor . ; [Isoform PDE2A2]: Mitochondrion matrix . Mitochondrion inner membrane . Mitochondrion outer membrane . ; [Isoform PDE2A1]: Cytoplasm . ; [Isoform 5]: Mitochondrion .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	103kD
Human Gene ID	5138
Human Swiss-Prot Number	O00408
Alternative Names	
Background	alternative products:Additional isoforms seem to exist. Experimental confirmation may be lacking for some isoforms,catalytic activity:Nucleoside





3',5'-cyclic phosphate + H₂O = nucleoside 5'-phosphate.,function:Hydrolyzes both cyclic AMP (cAMP) and cyclic GMP (cGMP).,similarity:Belongs to the cyclic nucleotide phosphodiesterase family.,similarity:Contains 2 GAF domains.,subunit:Homodimer.,tissue specificity:Expressed in brain and to a lesser extent in heart, placenta, lung, skeletal muscle, kidney and pancreas.,



Western Blot analysis of HeLa lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

