

Pde2a antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13939

Product Information

Application	WB
Primary Accession	Q01062
Other Accession	NM_001143847 , NP_001137319
Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104664

Additional Information

Gene ID	81743
Alias Symbol Other Names	Pde2, Pde2a2, Pde2a cGMP-dependent 3', 5'-cyclic phosphodiesterase, 3.1.4.17, Cyclic GMP-stimulated phosphodiesterase, CGS-PDE, cGSPDE, Pde2a
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Pde2a antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pde2a antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Pde2a {ECO:0000312 RGD:620965}
Function	cGMP-activated cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Has a higher efficiency with cGMP compared to cAMP (By similarity). Plays a role in cell growth and migration (By similarity).
Cellular Location	[Isoform PDE2A3]: Cell membrane {ECO:0000250 UniProtKB:O00408}; Peripheral membrane protein [Isoform PDE2A2]: Mitochondrion matrix. Mitochondrion inner membrane. Mitochondrion outer membrane

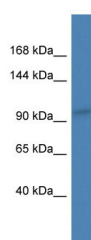
Tissue Location

Expressed in brain and liver.

References

Yang Q.,et al.Biochem. Biophys. Res. Commun. 205:1850-1858(1994).
Repaske D.R.,et al.J. Biol. Chem. 267:18683-18688(1992).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.