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PDE7B Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16115

Product Information

Application	WB
Primary Accession	Q9NP56
Other Accession	NP_061818
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51835

Additional Information

Gene ID	27115
Alias Symbol	PDE7B,
Other Names	cAMP-specific 3', 5'-cyclic phosphodiesterase 7B, 3.1.4.53, PDE7B
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-PDE7B 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	PDE7B Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PDE7B {ECO:0000303|PubMed:10814504}
Function	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes (PubMed:10814504, PubMed:10872825). May be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain (PubMed:10814504).
Tissue Location	Highly expressed in brain (PubMed:10814504). Also expressed in heart, liver, skeletal muscle and pancreas (PubMed:10814504).

Background

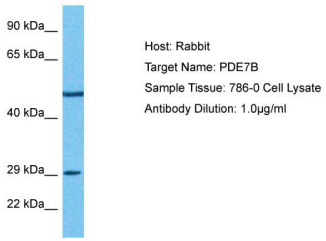
Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological

processes. May be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain.

References

Sasaki T.,et al.Biochem. Biophys. Res. Commun. 271:575-583(2000).
Gardner C.E.,et al.Biochem. Biophys. Res. Commun. 272:186-192(2000).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

Images



Host: Rabbit
Target Name: PDE7B
Sample Tissue: 786-0 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

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