

PDE7B Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16115**Specification**

PDE7B Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q9NP56
Other Accession	NP_061818
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

PDE7B Antibody - C-terminal region - 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 μ 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.

PDE7B Antibody - C-terminal region - 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](http://www.uniprot.org/citations/10814504), PubMed: [10872825](http://www.uniprot.org/citations/10872825)). May be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain (PubMed: [10814504](http://www.uniprot.org/citations/10814504)).

Tissue Location

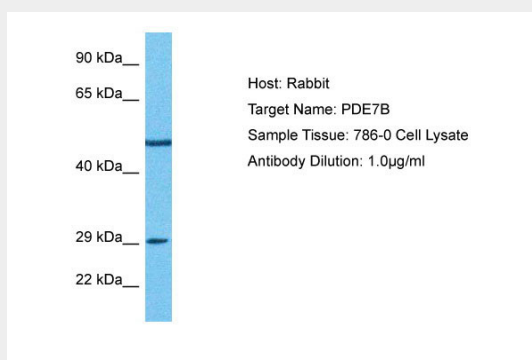
Highly expressed in brain (PubMed:10814504). Also expressed in heart, liver, skeletal muscle and pancreas (PubMed:10814504).

PDE7B Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDE7B Antibody - C-terminal region - Images



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

PDE7B Antibody - C-terminal region - 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.

PDE7B Antibody - C-terminal region - 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).