

DNAxPAb

Hard-to-Find
Antibody

PDE7B DNAxPab

Catalog # H00027115-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PDE7B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSCLMVERCGEILFENPDQNAKCVCMLGDIRLRGQTGVRAERRGSYPFIDFRLLNSTTYSGEIGTK KKVKRLLSFQRYFHASRLLRGIIPQAPLHLLDEDYLGQARHMLSKVGMWDFDIFLFDRLTNGNSLV TLLCHLFNTHGLIHHFKLDMVTLHRFLVMVQEDYHSQNPYHNAVHAADVTQAMHCYLKEPKLASF LTPLDIMLGLLAAAAHDVDHPGVNQPFLLIKTNHHLANLYQNMSVLENHHWRSTIGMLRESRLLAHL PKEMTQDIEQQLGSLILATDINRQNEFLTRLKAHLHNKDLRLEDAQDRHFMLQIALKCADICNPCRI WEMSKQWSEVCEEFYRQGELEQKFELEISPLCNQQKDSIPSIQIGFMSYVEPLFREWAHFTGN STLSENMLGHLAHNKAQWKSLLPRQHRSRGSSGSGPDHHDHAGQGTESEEQEGDSP
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PDE7B

Entrez GeneID [27115](#)

GeneBank Accession# [NM_018945.3](#)

Protein Accession# [NP_061818.1](#)

Gene Name PDE7B

Gene Alias MGC88256, bA472E5.1

Gene Description phosphodiesterase 7B

Omim ID [604645](#)

Gene Ontology [Hyperlink](#)

Gene Summary The 3',5'-cyclic nucleotides cAMP and cGMP function as second messengers in a wide variety of signal transduction pathways. 3',5'-cyclic nucleotide phosphodiesterases (PDEs) catalyze the hydrolysis of cAMP and cGMP to the corresponding 5'-monophosphates and provide a mechanism to downregulate cAMP and cGMP signaling. This gene encodes a cAMP-specific phosphodiesterase, a member of the cyclic nucleotide phosphodiesterase family

Other Designations OTTHUMP00000017267|high-affinity cAMP-specific 3',5'-cyclic phosphodiesterase|rolipram-insensitive phosphodiesterase type 7

Pathway

- [Purine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)