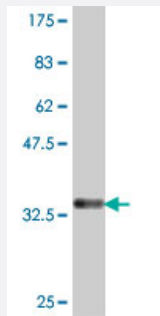


PDE7B polyclonal antibody (A01)

Catalog # H00027115-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PDE7B.
Immunogen	PDE7B (NP_061818, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	MSCLMVERCGEILFENPDQNAKVCMLGDIRLRGQTGVRAERRGSYPFIDFRLNSTTYSGEIGTK KKVKRLLSFQRYFHASRLLRGIIQAPLHLLDED
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDE7B

Entrez GeneID [27115](#)

GeneBank Accession# [NM_018945](#)

Protein Accession# [NP_061818](#)

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](#)