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PDE3B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PDE3B.
Catalog # AT3255a

Product Information

Application	WB, E
Primary Accession	Q13370
Other Accession	NM_000922
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A4
Calculated MW	124333

Additional Information

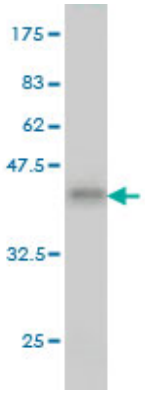
Gene ID	5140
Other Names	cGMP-inhibited 3', 5'-cyclic phosphodiesterase B, CGIPDE1, CGIP1, Cyclic GMP-inhibited phosphodiesterase B, CGI-PDE B, PDE3B
Target/Specificity	PDE3B (NP_000913, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PDE3B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

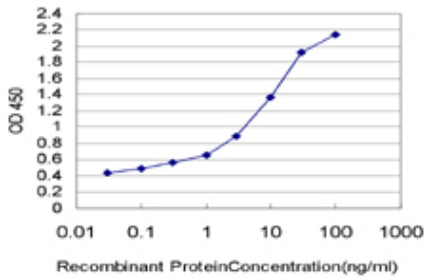
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Identification of cisplatin-resistance related genes in head and neck squamous cell carcinoma. Yamano Y, et al. Int J Cancer, 2010 Jan 15. PMID 19569180.Phosphodiesterase 3 is present in rabbit and human erythrocytes and its inhibition potentiates iloprost-induced increases in cAMP. Hanson MS, et al. Am J Physiol Heart Circ Physiol, 2008 Aug. PMID 18586889.Numerous distinct PKA-, or EPAC-based, signalling complexes allow selective phosphodiesterase 3 and phosphodiesterase 4 coordination of cell adhesion. Raymond DR, et al. Cell Signal,

2007 Dec. PMID 17884339.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged PDE3B is approximately 0.03ng/ml as a capture antibody.

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