

PDE3B Polyclonal Antibody

CATALOG NO:	3956-30T	30 µg (Trial size)
	3956-200	200 µg
IMMUNOGEN:	Synthetic peptide surrounding amino acid 948 of mouse PDE3B.	
INTERNAL ID#:	BV-H48G	
HOST:	Rabbit	
SPECIES REACTIVITY:	Human, Mouse, Rat	

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-PDE3B polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

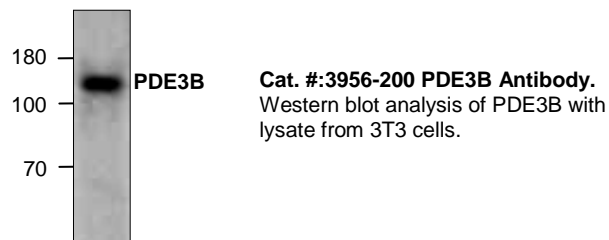
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

The phosphodiesterase type-3 (PDE3) family is comprised of 2 isoforms, PDE3A and PDE3B. Phosphodiesterases (PDE) are crucial in the regulation of the intracellular level of the second messenger cAMP by hydrolyzing cAMP to 5'AMP. PDE3B has two splice variants that are expressed in adipocyte tissue, hepatocyte, kidney, spermatocytes and embryonic neuroepithelium. Both PDE3A and PDE3B are potential targets for the treatment of obesity.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3956BP-50) is available separately.



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