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KD-Validated Anti-PDE1B Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI2081

Product Information

Application	WB
Primary Accession	Q01064
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	24GB13240
Calculated MW	61380
Gene Name	PDE1B
Aliases	PDE1B; Phosphodiesterase 1B; PDES1B; Dual Specificity Calcium/Calmodulin-Dependent 3',5'-Cyclic Nucleotide Phosphodiesterase 1B; Phosphodiesterase 1B, Calmodulin-Dependent; 63 KDa Cam-PDE; EC 3.1.4.17; Cam-PDE 1B; Presumed 63kDa Form Of The Type 1 Cyclic Nucleotide Phosphodiesterase Family Known As PDE1B; Calcium/Calmodulin-Dependent 3',5'-Cyclic Nucleotide Phosphodiesterase 1B; Calcium/Calmodulin-Stimulated Cyclic Nucleotide Phosphodiesterase; Epididymis Secretory Sperm Binding Protein Li 79p; Calmodulin-Stimulated Phosphodiesterase PDE1B1; HEL-S-79p; EC 3.1.4; PDE1B1
Immunogen	Recombinant protein of human PDE1B

Additional Information

Gene ID	5153
Other Names	Dual specificity calcium/calmodulin-dependent 3', 5'-cyclic nucleotide phosphodiesterase 1B, Cam-PDE 1B, 3.1.4.17, 63 kDa Cam-PDE, PDE1B (HGNC:8775), PDES1B

Protein Information

Name	PDE1B (HGNC:8775)
Synonyms	PDES1B
Function	Cyclic nucleotide phosphodiesterase with a dual specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes (PubMed:15260978, PubMed:8855339, PubMed:9419816). Has a preference for cGMP as a substrate (PubMed:9419816).
Cellular Location	Cytoplasm, cytosol.

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