10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PDE1B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11846b

Specification

PDE1B Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q01064

PDE1B Antibody (C-term) Blocking peptide - Additional Information

Gene ID 5153

Other Names
Calcium/calmodulin-dependent 3', 5'-cyclic nucleotide phosphodiesterase 1B, Cam-PDE 1B, 63 kDa Cam-PDE, PDE1B, PDE1B1, PDES1B

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PDE1B Antibody (C-term) Blocking peptide - 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:8855339, PubMed:9419816, PubMed:15260978). Has a preference for cGMP as a substrate (PubMed:9419816).

Cellular Location
Cytoplasm, cytosol.

PDE1B Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

PDE1B Antibody (C-term) Blocking peptide - Images

PDE1B Antibody (C-term) Blocking peptide - Background

The protein encoded by this intronless gene belongs to theGSK-3-binding protein family. Studies show that this protein playsa role as a positive regulator of the WNT signaling pathway. It maybe upregulated in tumor progression.

PDE1B Antibody (C-term) Blocking peptide - References

Lee, D.Y., et al. Menopause 17(5):1064-1070(2010)Liu, G.P., et al. Neurobiol. Aging 29(9):1348-1358(2008)Stoothoff, W.H., et al. J. Biol. Chem. 280(1):270-276(2005)Deloukas, P., et al. Nature 429(6990):375-381(2004)Freemantle, S.J., et al. Gene 291 (1-2), 17-27 (2002) :