

PDE1C

Reactivity: Human Mouse Rat

Tested applications: WB IP

Recommended Dilution: WB 1:500 - 1:2000 IP 1:20 - 1:50

Calculated MW: 81kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human PDE1C

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Hcam3; hCam-3; cam-PDE 1C;

Catalog #: A4009

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5137

Isotype: IgG

Swiss Prot: Q14123

Purity: Affinity purification

For research use only.

Background:

Cyclic nucleotide phosphodiesterases (PDEs) catalyze hydrolysis of the cyclic nucleotides cAMP and cGMP to the corresponding nucleoside 5-prime-monophosphates. Mammalian PDEs have been classified into several families based on their biochemical properties. Members of the PDE1 family, such as PDE1C, are calmodulin (see MIM 114180)-dependent PDEs (CaM-PDEs) that are stimulated by a calcium-calmodulin complex (Repaske et al., 1992

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