

## PDE1C

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**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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