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PDE1A

Reactivity: Human Mouse

Tested applications:WB IHC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

Calculated MW:61kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human PDE1A

Storage Buffer:

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

Synonym:

HCAM1; HCAM-1; HSPDE1A; CAM-PDE-1A;

Catalog #:A4008

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5136

Isotype: IgG

Swiss Prot:P54750

Purity: Affinity purification

For research use only.

Background:

Cyclic nucleotide phosphodiesterases (PDEs) play a role in signal transduction by regulating intracellular cyclic nucleotide concentrations through hydrolysis of cAMP and/or cGMP to their respective nucleoside 5-prime monophosphates. Members of the PDE1 family, such as PDE1A, are Ca(2+)/calmodulin (see CALM1; MIM 114180)-dependent PDEs (CaM-PDEs) that are activated by calmodulin in the presence of Ca(2+) (Michibata et al., 2001

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