

PDE1A Rabbit pAb

Catalog No.: A4008

Basic Information

Observed MW

55kDa

Calculated MW

61kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

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 [PubMed 11342109]; Fidock et al., 2002 [PubMed 11747989]).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

5136

Swiss Prot

P54750

Immunogen

A synthetic Peptide of human PDE1A

Synonyms

HCAM1; HCAM-1; HSPDE1A; CAM-PDE 1A; CAM-PDE-1A; PDE1A

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.