

PDE1A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12868
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A
Synonyms	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A ;Cam-PDE 1A;EC 3.1.4.17;61 kDa Cam-PDE;hCam-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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)

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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