antibodies

## Datasheet for ABIN2469467 anti-PDE1C antibody (C-Term)

Image



## Overview

Quantity:	0.05 mg
Target:	PDE1C
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse, Bat, Monkey, Hamster, Gibbon, Gorilla, Orang- Utan
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE1C antibody is un-conjugated
Application:	Immunohistochemistry (IHC)
Product Details	
Immunogen:	PDE1C antibody was raised against a peptide located in the C-Terminal domain of PDE1C (Human).
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purification:	Immunoaffinity Chromatography

## Target Details

Target:	PDE1C
Alternative Name:	PDE1C (PDE1C Products)
Background:	Phosphodiesterase 1C is a cAMP/cGMP dual-specific, calcium/calmodullin-dependent
	phosphodiesterase. PDE1C has been shown to affect vascular smooth muscle proliferation and

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Target Details
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	atherosclerosis, insulin secretion regulation, spermatozoa development, and erectile dysfunction. At least five PDE1C isoforms have been reported, the expression of which are regulated in a tissue/cell-specific manner.
Gene ID:	5137
UniProt:	Q14123
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Negative Regulation of Hormone Secretion, cAMP Metabolic Process, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma
Application Details	
Application Notes:	PDE1C antibody can be used in immunohistochemistry starting at 10 $\mu$ g/mL, and flow cytometry.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies avoid freeze/thaw cycles.
Storage:	4 °C/-80 °C
Storage Comment:	PDE1C antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C.



Immunohistochemistry

Image 1.

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