

## Datasheet for ABIN636953 **anti-PDE1C antibody**



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### Overview

Quantity:	50 µg
Target:	PDE1C
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE1C antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	PDE1 C antibody was raised in rabbit using a synthetic peptide conjugated to KLH as the immunogen.
Purification:	Affinity chromatography purified

### Target Details

Target:	PDE1C
Alternative Name:	PDE1C ( <a href="#">PDE1C Products</a> )
Background:	Phosphodiesterases (PDEs) are a family of related phosphohydrolyases that selectively catalyze the hydrolysis of 3' cyclic phosphate bonds in adenosine and/or guanine 3',5' cyclic monophosphate (cAMP and/or cGMP). They regulate the cellular levels, localization and duration of action of these second messengers by controlling the rate of their degradation. PDE1, 2, 3, 10 and 11 degrade both cyclic nucleotides. These enzymes are involved in many

## Target Details

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signal transduction pathways.

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

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Application Notes: IHC-P: 5 µg/mL  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: Purified by Immunoaffinity Chromatography and supplied in PBS with 0.1 % NaN<sub>3</sub>.

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: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -70 °C for long term storage.