

Datasheet for ABIN6243943  
**anti-PDE1C antibody (AA 375-409)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	PDE1C
Binding Specificity:	AA 375-409
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE1C antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PDE1C antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 375-409 amino acids from the Central region of human PDE1C.
Clone:	RB53462
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PDE1C
Alternative Name:	PDE1C ( <a href="#">PDE1C Products</a> )
Background:	Cyclic nucleotide phosphodiesterase with a dual- specificity for the second messengers cAMP

## Target Details

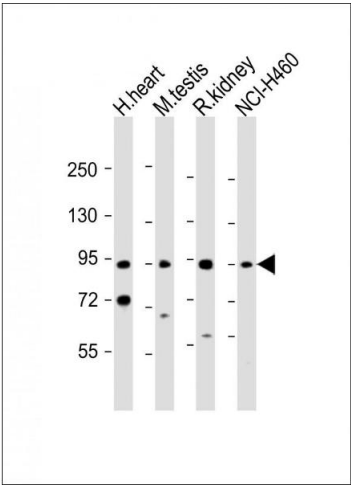
	and cGMP, which are key regulators of many important physiological processes. Has a high affinity for both cAMP and cGMP.
Molecular Weight:	80760
UniProt:	<a href="#">Q14123</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a>

## Application Details

Application Notes:	WB: 1:1000-2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

**Image 1.** All lanes : Anti-PDE1C Antibody (Center) at 1:1000-2000 dilution Lane 1: human heart lysate Lane 2: mouse testis lysate Lane 3: rat kidney lysate Lane 4: NCI-whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 81 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.