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## Datasheet for ABIN1539353 anti-PDE4C antibody (N-Term)

Image



#### Overview

Quantity:	400 µL
Target:	PDE4C
Binding Specificity:	AA 5-31, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4C antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This PDE4C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-31 amino acids from the N-terminal region of human PDE4C.
Clone:	RB38609
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

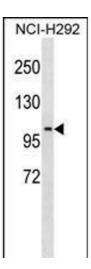
## Target Details

Target:	PDE4C
Alternative Name:	PDE4C (PDE4C Products)
Background:	Cyclic nucleotides are important second messengers that regulate and mediate a number of

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## Target Details

	cellular responses to extracellular signals, such as hormones, light, and neurotransmitters.
	Cyclic nucleotide phosphodiesterases (PDEs) regulate the cellular concentrations of cyclic
	nucleotides and thereby play a role in signal transduction. PDE4C is a class IV cAMP-specific
	PDE (summary by Milatovich et al., 1994 [PubMed 8009369]).
Molecular Weight:	79902
Gene ID:	5143
NCBI Accession:	NP_000914, NP_001092288, NP_001092289
UniProt:	Q08493
Pathways:	Negative Regulation of Hormone Secretion, cAMP Metabolic Process
Application Details	
Application Notes:	WB: 1:1000
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
Storage Comment:	PDE4C Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term
	storage, keep at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** PDE4C Antibody (N-term) (ABIN1539353 and ABIN2850026) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the PDE4C antibody detected the PDE4C protein (arrow).

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