

Datasheet for ABIN2789817
anti-PDE4C antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PDE4C
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RIMAEFFQQG DRERESGLDI SPMCDKHTAS VEKSQVGFID YIAHPLWETW
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PDE4C. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDE4C
Alternative Name:	PDE4C (PDE4C Products)
Background:	The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE)

Target Details

family, and PDE4 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is a regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Alias Symbols: DPDE1, MGC126222

Protein Interaction Partner: SRI, UBC,

Protein Size: 606

Molecular Weight: 68 kDa

Gene ID: 5143

NCBI Accession: [NM_001098819](#), [NP_001092289](#)

Pathways: [Negative Regulation of Hormone Secretion](#), [cAMP Metabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 606 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-PDE4C Antibody
Catalog Number: ARP64361
Lot Number: QC35018
Lane: Fetal Lung Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.