

## PDE4C

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**80kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human PDE4C

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:**A9477

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5143

**Isotype:**IgG

**Swiss Prot:**Q08493

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) 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.[provided by RefSeq, Jul 2011]

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