

PDE4C Rabbit pAb

Catalog NO.: A13038

Basic Information

Observed MW

Refer to Figures

Calculated MW

80kDa

Category

Polyclonal Antibodies

Applications

IF/ICC, ELISA

Cross-Reactivity

Human, Rat

Conjugation

Unconjugated

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.

Recommended Dilutions

IF/ICC 1:100 - 1:500

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
5143	Q08493

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

DPDE1; PDE21; PDE4C

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

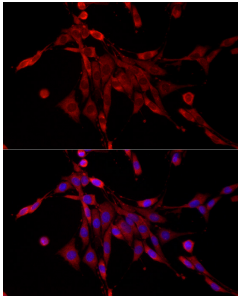
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of PC-12 cells using PDE4C Rabbit pAb (A13038) at dilution of 1:400 (40x lens).Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

