

Anti-Human/Mouse/Rat PDE4C Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05535

3th Edition

Description: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.PDE4C (Phosphodiesterase 4C) is a Protein Coding gene. Diseases associated with PDE4C include Ocular Hypotension. Among its related pathways are GABAergic synapse and Sweet Taste Signaling. GO annotations related to this gene include 3,5-cyclic-nucleotide phosphodiesterase activity and 3,5-cyclic-AMP phosphodiesterase activity. An important paralog of this gene is PDE4D.

Antigen:Synthesized peptide derived from the Internal region of human PDE4C

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed in various tissues but not in cells of the immune system.