

Anti-Human ADCY9 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02901

3th Edition

Description: Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin. ADCY9 (Adenylate Cyclase 9) is a Protein Coding gene. Diseases associated with ADCY9 include Rubinstein-Taybi Syndrome and Malaria. Among its related pathways are Signaling in Gap Junctions and Development Endothelin-1/EDNRA signaling. GO annotations related to this gene include phosphorus-oxygen lyase activity and adenylate cyclase activity. An important paralog of this gene is ADCY8.

Antigen: Synthesized peptide derived from the N-terminal region of human A Cyclase IX

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 multiple cells of the lung, with expression highest in airway smooth muscle.