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Anti-ADCY9 / Adenylate Cyclase 9 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18303

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	O60503
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150701
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	115
Alias Symbol	ADCY9
Other Names	ADCY9, Adenylate cyclase type 9, Adenylyl cyclase 9, Adenylate cyclase 9, AC9, Adenylate cyclase type IX, KIAA0520, ATP pyrophosphate-lyase 9
Target/Specificity	Recognizes endogenous levels of Adenylate Cyclase 9 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-ADCY9 / Adenylate Cyclase 9 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ADCY9
Synonyms	KIAA0520
Function	Adenylyl cyclase that catalyzes the formation of the signaling molecule cAMP in response to activation of G protein-coupled receptors (PubMed:10987815, PubMed:12972952, PubMed:15879435, PubMed:9628827). Contributes to signaling cascades activated by CRH (corticotropin-releasing factor), corticosteroids and beta-adrenergic receptors (PubMed:9628827).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Detected in skeletal muscle, pancreas, lung, heart, kidney, liver, brain and placenta (PubMed:10987815, PubMed:9628827) Expressed in multiple cells of the lung, with expression highest in airway smooth muscle (PubMed:12972952).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.