

Anti-ADCY9 / Adenylate Cyclase 9 Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18303**Specification**

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

Application	WB, IHC-P, IF, ICC
Primary Accession	O60503
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150701

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

Anti-ADCY9 / Adenylate Cyclase 9 Antibody (N-Terminus) - 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: [9628827](http://www.uniprot.org/citations/9628827), PubMed: [12972952](http://www.uniprot.org/citations/12972952), PubMed: [15879435](http://www.uniprot.org/citations/15879435), PubMed: [10987815](http://www.uniprot.org/citations/10987815)). Contributes to signaling cascades activated by CRH (corticotropin-releasing factor), corticosteroids and beta-adrenergic receptors (PubMed: [9628827](http://www.uniprot.org/citations/9628827)).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Detected in skeletal muscle, pancreas, lung, heart, kidney, liver, brain and placenta (PubMed:9628827, PubMed:10987815) Expressed in multiple cells of the lung, with expression highest in airway smooth muscle (PubMed:12972952).

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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