

Rabbit anti-Human ADCY1 Polyclonal Antibody | anti-ADCY1 antibody

ADCY1 Antibody

CATALOG # AAA232347	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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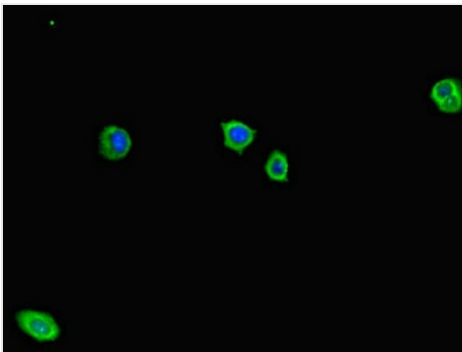
PRODUCT SYNONYMS

ADCY1; Polyclonal Antibody; ADCY1 Antibody; Adenylate cyclase type 1; ATP pyrophosphate-lyase 1; Adenylate cyclase type I; Adenylyl cyclase 1; Ca(2+)/calmodulin-activated adenylyl cyclase; anti-ADCY1 antibody

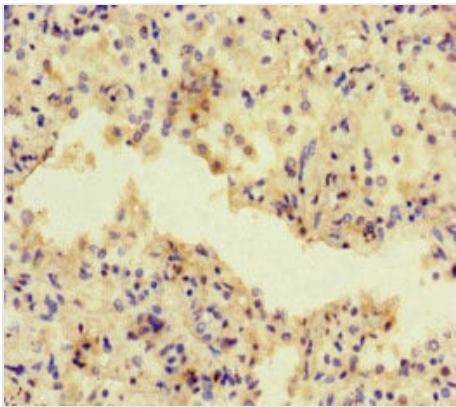
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1119
Applicable Applications for anti-ADCY1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Adenylate cyclase type 1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-586 / sc-25743 / sc-1701
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG-2 cells using AAA232347 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA232347 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY1 antibody	Catalyzes the formation of the signaling molecule cAMP in response to G-protein signaling. Mediates responses to increased cellular Ca(2+)/calmodulin levels (By similarity). May be involved in regulatory processes in the central nervous system. May play a role in memory and learning. Plays a role in the regulation of the circadian rhythm of daytime contrast sensitivity probably by modulating the rhythmic synthesis of cyclic AMP in the retina (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31083193
NCBI GeneID	107
NCBI Accession #	NP_066939.1
NCBI GenBank Nucleotide #	NM_021116.2
UniProt Accession #	Q08828; Q75MI1; A4D2L8
Molecular Weight	123,440 Da
NCBI Official Full Name	adenylate cyclase type 1 isoform 1
NCBI Official Synonym Full Names	adenylate cyclase 1
NCBI Official Symbol	ADCY1
NCBI Official Synonym Symbols	AC1; DFNB44
NCBI Protein Information	adenylate cyclase type 1
UniProt Protein Name	Adenylate cyclase type 1
UniProt Gene Name	ADCY1
UniProt Entry Name	ADCY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.