

Datasheet for ABIN7143322  
**anti-ADCY1 antibody (AA 416-610) (FITC)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	ADCY1
Binding Specificity:	AA 416-610
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY1 antibody is conjugated to FITC
Application:	Please inquire

## Product Details

Immunogen:	Recombinant Human Adenylate cyclase type 1 protein (416-610AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	ADCY1
Alternative Name:	ADCY1 ( <a href="#">ADCY1 Products</a> )
Background:	Background: 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).

## Target Details

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).

Aliases: Adenylate cyclase 1, fetal brain, type I antibody, 3',5'-cyclic AMP synthetase antibody, AC1 antibody, Adcy1 antibody, ADCY1\_HUMAN antibody, adenyl cyclase antibody, Adenylate cyclase 1 antibody, adenylate cyclase 1 (brain) antibody, Adenylate cyclase type 1 antibody, Adenylate cyclase type I antibody, Adenylyl cyclase 1 antibody, ATP pyrophosphate lyase antibody, ATP pyrophosphate-lyase 1 antibody, Brain adenylate cyclase 1 antibody, Ca(2+)/calmodulin-activated adenylyl cyclase antibody, deafness, autosomal recessive 44 antibody, DFN44 antibody

UniProt:	<a href="#">Q08828</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.