



[Go to Product page](#)

Datasheet for ABIN7143331  
**anti-ADCY5 antibody (AA 584-719) (Biotin)**

### Overview

Quantity:	100 µg
Target:	ADCY5
Binding Specificity:	AA 584-719
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY5 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Adenylate cyclase type 5 protein (584-719AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	ADCY5
Alternative Name:	ADCY5 ( <a href="#">ADCY5 Products</a> )
Background:	Background: Catalyzes the formation of the signaling molecule cAMP in response to G-protein signaling (PubMed:15385642, PubMed:26206488, PubMed:24700542). Mediates signaling

## Target Details

---

downstream of ADRB1 (PubMed:24700542). Regulates the increase of free cytosolic Ca(2+) in response to increased blood glucose levels and contributes to the regulation of Ca(2+)-dependent insulin secretion (PubMed:24740569).

Aliases: AC 5 antibody, AC5 antibody, ADCY 5 antibody, Adcy5 antibody, ADCY5\_HUMAN antibody, Adenylate cyclase type 5 antibody, Adenylate cyclase type V antibody, Adenylyl cyclase 5 antibody, ATP pyrophosphate lyase 5 antibody, ATP pyrophosphate-lyase 5 antibody

---

UniProt: [O95622](#)

---

Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Thyroid Hormone Synthesis](#), [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Restrictions: For Research Use only

## 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.