



Datasheet for ABIN652043  
**anti-ADCY10 antibody (AA 557-583)**



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1 Publication

## Overview

Quantity:	400 µL
Target:	ADCY10
Binding Specificity:	AA 557-583
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY10 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This ADCY10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 557-583 amino acids from the Central region of human ADCY10.
Clone:	RB22128
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ADCY10
Alternative Name:	ADCY10 ( <a href="#">ADCY10 Products</a> )
Molecular Weight:	187149

## Target Details

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Gene ID:	55811
NCBI Accession:	<a href="#">NP_001161221</a> , <a href="#">NP_060887</a>
UniProt:	<a href="#">Q96PN6</a>
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

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Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

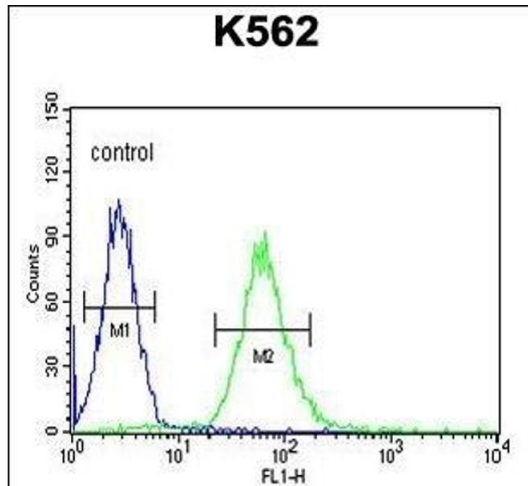
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

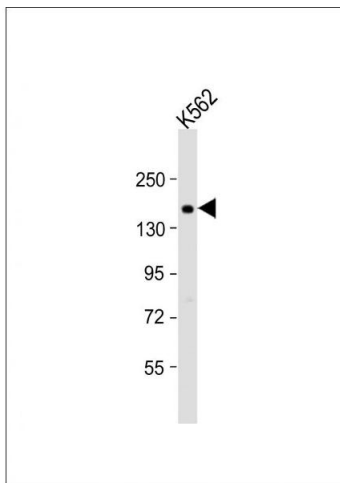
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Product cited in:	Xu, Han, Epstein, Liu: "Regulation of PDK mRNA by high fatty acid and glucose in pancreatic islets." in: <b>Biochemical and biophysical research communications</b> , Vol. 344, Issue 3, pp. 827-33, (2006) ( <a href="#">PubMed</a> ).
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### Flow Cytometry

**Image 1.** ADCY10 Antibody (Center) (ABIN652043 and ABIN2840517) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** Anti-ADCY10 Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 187 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.