



Datasheet for ABIN1536696  
**anti-ADCY9 antibody (C-Term)**



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2 Images

Overview

Quantity:	400 µL
Target:	ADCY9
Binding Specificity:	AA 1295-1323, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ADCY9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1295-1323 amino acids from the C-terminal region of human ADCY9.
Clone:	RB23039
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ADCY9
Alternative Name:	ADCY9 ( <a href="#">ADCY9 Products</a> )
Background:	Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP

## Target Details

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from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin.

Molecular Weight:	150701
Gene ID:	115
NCBI Accession:	<a href="#">NP_001107</a>
UniProt:	<a href="#">O60503</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

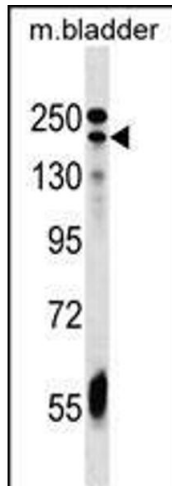
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Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

## Handling

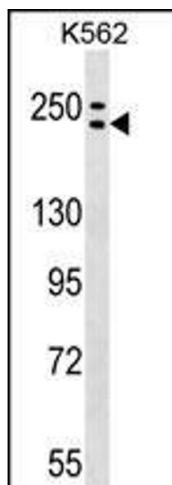
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	ADCY9 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** ADCY9 Antibody (C-term) (ABIN1536696 and ABIN2849404) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the ADCY9 antibody detected the ADCY9 protein (arrow).



#### Western Blotting

**Image 2.** ADCY9 Antibody (C-term) (ABIN1536696 and ABIN2849404) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the ADCY9 antibody detected the ADCY9 protein (arrow).