

# ADCY5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ADCY5.

Catalog # AT1051a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O95622</a>
<b>Other Accession</b>	<a href="#">NM_183357</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b Kappa
<b>Clone Names</b>	3E7
<b>Calculated MW</b>	138908

## Additional Information

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<b>Gene ID</b>	111
<b>Other Names</b>	Adenylate cyclase type 5, ATP pyrophosphate-lyase 5, Adenylate cyclase type V, Adenylyl cyclase 5, ADCY5
<b>Target/Specificity</b>	ADCY5 (NP_899200, 1152 a.a. ~ 1261 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	ADCY5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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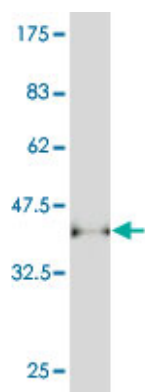
ADCY5 belongs to the adenylate cyclase (EC 4.6.1.1) family of enzymes responsible for the synthesis of cAMP (Ludwig and Seuwen, 2002 [PubMed 12503609]).

## References

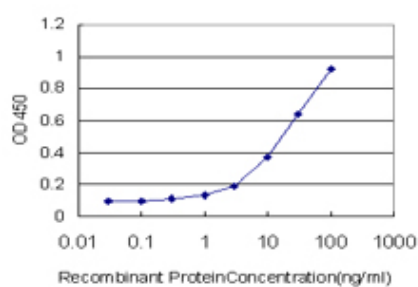
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1. An adenylyl cyclase signaling pathway predicts direct dopaminergic input to vestibular hair cells. Drescher MJ, Cho WJ, Folbe AJ, Selvakumar D, Kewson DT, Abu-Hamdan MD, Oh CK, Ramakrishnan NA, Hatfield JS, Khan KM, Anne S, Harpool EC, Drescher DG. Neuroscience. 2010 Sep 29. [Epub ahead of print]

## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged ADCY5 is approximately 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.