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ADCY5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ADCY5.
Catalog # AT1051a

Product Information

Application	WB, E
Primary Accession	O95622
Other Accession	NM_183357
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3E7
Calculated MW	138908

Additional Information

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

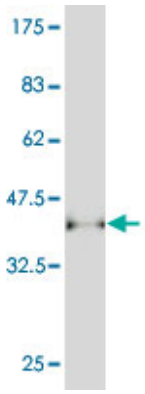
Background

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]).

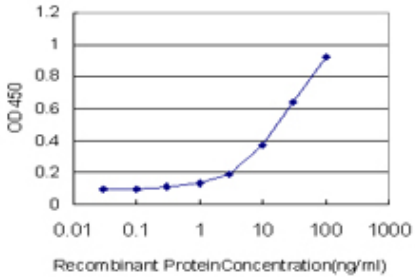
References

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 1ng/ml as a capture antibody.

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