

MaxPab®

ADCY5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000111-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADCY5 protein.
Immunogen	ADCY5 (AAI56218.1, 1 a.a. ~ 1261 a.a) full-length human protein.
Sequence	MSGSKSVSPPGYAAQKTAAPAPRGGPEHRSAWGEADSRANGYPHAPGGSARGSTKKPGGAVT PQQQRLASRWRSDDDDPPLSGDDPLAGGFGFSFRSKSAWQERGGDDCGRGSRQRGA ASGGSTRAPPAGGGGGSAAAAASAGGTEVRPRSVEVGLEERRGKGRAADELEAGAVEGEGS GDGGSSADSGSGAGPGAVLSLGACCLALLQIFRSKKFPSDKLERLYQRYFFRLNQSSLTMLMAV LVLVCLVMLAFHAARPPLQLPYLAVLAAAVGVILIMAVLCNRAAFHQDHMGLACYALIAVVLAVQV VGLLLPQPRSASEGMWTVFFITYITLLPVRMRAAVLSGVLLSALHLAIALRTNAQDQFLLKQLVSN VLIFSCTNVGVCTHYPAEVSQRQAFQETRECIQARLHSQRENQQQERLLLSVLPRHVAMEMKADI NAKQEDMMFHKIYQKHDNVSILFADIEGFTSLASQCTAQELVMTLNELFARFDKLAENHCLRIKIL GDCYYCVSGLPEARADHAHCCVEMGMDMIEAISLVREVTGVNVNMRVGIHSGRVHCGVLGLRK WQFDVWSNDVTLANHMEAGGKAGRIHITKATLNYLNGDYEVEPGCGGERNAYLKEHSIETFLILRC TQKRKEEKAMIAKMNRQRTNSIGHNPPHWGAERPFYNHLGGNQVSKEMKRMGFEDPKDKNAQE SANPEDEVDEFLGRAIDARSIDRLRSEHVRKFLLTFRFPDLEKKYSKQVDDRFGAYVACASLVFL FICFVQITVPHSIFMLSFYLTCSLLLTLVVFVSVIYSCVKLFPSPLQTLSRKIVRSKMNSTLVGVFTTL VFLAAFVNMFTCNSRDLLGCLAQEHNISASQVNACHVAESAVNYSLGDEQGFSGSPWPNCNFP EYFTYSVLLSLLACSVFLQISCIGKLVLMALIELIYVLIVEVPGVTLFDNADLLVTANAIDFFNNGTSQC PEHATKVALKVVTPIISVFLALYLHAQQVESTARLDFLWKLQATEEKEEMEELQAYNRLLHNLIP KDVAAHFLARERRNDELYYQSCECVAVMFASIANFSEFYVELEANNEGVECLRLLNEIADFDEIIS EDRFRQLEKIKTIGSTYMAASGLNDSTYDKVGKTHIKALADFAMKLMDQMKYINEHSFNNFQMKIGL NIGPVVAGVIGARKPQYDIWGNVTNVASRMDSTGVPDRIQVTTDMYQVLAANTYQLECRGVVKVK GKGEMMTYFLNGGPPLS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — ADCY5

Entrez GeneID	111
GeneBank Accession#	BC156217.1
Protein Accession#	AA156218.1
Gene Name	ADCY5
Gene Alias	AC5
Gene Description	adenylate cyclase 5
Omim ID	600293
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM]
Other Designations	adenylate cyclase, type V

Pathway

- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Melanogenesis](#)
- [Purine metabolism](#)
- [Vascular smooth muscle contraction](#)

Disease

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- [Diabetes Mellitus](#)
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