

MaxPab®

ADCY3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000109-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADCY3 protein.
Immunogen	ADCY3 (ADR83435.1, 1 a.a. ~ 1144 a.a) full-length human protein.
Sequence	MPRNQGFSEPEYSAEYSAEYSVSLSPDPDRGVGRTHEISVRNSGSCCLPRFMRLTFVPESLEN LYQTYFKRQRHETLLVLVVF AALFDCYVVMCAVVFSSDKLASLAVAGIGLVLDIILFVLCKKGLLP DRVTRRVLPYVLWLLITAQIFS YLGLNFARAHAASDTVWQVFFVFSFFITLPLSLSPMVISVSCVV HTLVLGVTVAQQQQEELKGMQLLREILANVFLYLCAIavgimsYymADRKHRKAFLEARQSLEVKM NLEEQQQQENLMLSILPKHVADEMLKDMKKDESQKDQQQFNtMYMYRHENVsilFADIVGFTQL SSACSAQELVKLLNELFARFDKLAAYHQLRIKILGDCYYCICGLPDYREDHAVCSILMGLAMVEAI SYVREKTKTGVDMRVGVHTGTVLGGVLGQKRWQYDVWSTDVTVANKMEAGGIPGRVHISQSTM DCLKGEFDVEPGDGGSRCDYLEEKGIETYLIASKPEVKKTATQNLNGSALPNGAPASSKSSSP ALiETKEPNgsAHSSGSTSEKPEEQDAQADNPSFPNPRRLRLQDLADRVVDASEDEHELNQLL NEALLERESAQVVKKRNTFLLSMRFMDPEMETRYSVEKEKQSGAAFS CSCSVLLCTALVEILDP WLMtNYVTFMVGEILLILtICSLAAIFPRAFPKKLVAFSTWIDRTRWARNTWAMLAIFILVMANVVD MLSCLQYYTGPSNATAGMETEGSCLENPKYYNYAVLSLIATIMLVQVSHMVKLTLMLLVAGAVATI NLYAWRPVFDEYDHKRFREHDLPMVALEQMGGFNpGLNGTDRLPLVPSKYSMTVMVFLMMLSf YYfSRHVEKLARTLFLWKIEVHDQKERVYEMRRWNEALVTNMLPEHVARHFLGSKKRDEELYSQ TYDEIGVMFASLPNFADFYTEESINNGGIECLRFLNEIISDFDSLDDNPKFRVITKIKTIGSTYMAASGV TPDVNTNGFASSNKEDKSERERWQHLADLADFALAMKDTLTNINNQSfNNFMLRIGMKNKGGVLA GVIGARKPHYDIWGNTVNVASRMESTGVMGNIQVVEETQVILREYGFRFVRRGPIFVKGKGELLTF FLKGRDKLATFPNGPSVTLPHQVVDNS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (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 — ADCY3

Entrez GeneID	109
GeneBank Accession#	HQ258684.1
Protein Accession#	ADR83435.1
Gene Name	ADCY3
Gene Alias	AC3, KIAA0511
Gene Description	adenylate cyclase 3
Omim ID	600291
Gene Ontology	Hyperlink
Gene Summary	This gene encodes adenylyl cyclase 3 which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). This protein appears to be widely expressed in various human tissues and may be involved in a number of physiological and pathophysiological metabolic processes. [provided by RefSeq]
Other Designations	ATP pyrophosphate-lyase[adenylyl cyclase, type III]

Pathway

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- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Melanogenesis](#)
- [Olfactory transduction](#)

- [Purine metabolism](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)