

DNAXPab

Hard-to-Find
Antibody

ADCY5 DNAXPab

Catalog # H00000111-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ADCY5 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence

MSGSKSVSPPGYAAQKTAAPAPRGGPEHRSAGWGEADSRANGYPHAPGGSARGSTKKPGGAVT
PQQQQLASRWSDDDDDPPLSGDDPLAGGFGFSFRSKSAWQERGGDDCGRGSRRQRRGA
ASGGSTRAPPAGGGGGSAASAGGTEVRPRSVEVGLEERRGKGRAADELEAGAVEGGE
GSGGSSADSGSGAGPGAVLSLGACCLALLQIFRSKKFSPDKLERLYQRYFFRLNQSSLTMLMAV
LVLVCLVMLAFHAARPPLQLPYLAVLAAAVGVILIMAVLCNRAAFHQDHMGLACYALIAVVLAVQV
VGLLLPQPRSASEGMWTVFFIYTYITLLPVRMRAAVLSGVLLSALHLAIALRTNAQDQFLLKQLVSN
VLIFSCTNIVGCVTHYPAEVSQRQAFQETRECIQARLHSQRENQQQERLLLSVLPRHVAMEMKADI
NAKQEDMMFHKIYQKHDNVSILFADIEGFTSLASQCTAQELVMTLNELFARFDKLAENHCLRIKIL
GDCYYCVSGLPEARADHAHCCVEMGMDMIEAISLVREVTGVNVNMRVGIHSGRVHCGVLGLRK
WQFDVWSNDVTLANHMEAGGKAGRIHITKATLNYLNGDYEVPGCGGERNAYLKEHSIETFLILRC
TQKRKEEKAMIAKMNRQRTNSIGHNPPHWGAERPFYNHLGGNQVSKEMKRMGFEDPKDKNAQE
SANPEDEVDEFLGRAIDARSIDRLRSEHVRKFLTFREPDLKKYSKQVDDRFAYVACASLVFL
FICFVQITVPHSIFMLSFYLTCSLLLTLVVFVSVIYSCVKLFPSPLQTLSRKIVRSKMNSTLVGVFTTL
VFLAAFVNMFTCNSRDLLGCLAQEHNISASQVNACHVAESAVNYSLGDEQGFSGSPWPNCNFP
EYFTYSVLLSLLACSVFLQISCIGKLVLMALIELIYVLIVEVPGVTLFDNADLLVTANAIFFNNGTSQC
PEHATKVALKVVTPIISVFLALYLHAQQVESTARLDFLWKLQATEEKEEMEELQAYNRLLHNILP
KDVAHFARERRNDELYQSCCEVAVMFASIANFSEFYVELEANNEGVECLRLLNEIADFDEIIS
EDRFRQLEKIKTIGSTYMAASGLNDSTYDKVGKTHIKALADFAMKLMQMKYINEHSFNNFQMKIGL
NIGPVVAGVIGARKPQYDIWGNTVNVASRMDSTGVPDRIQVTTDMYQVLAANTYQLECRGVVKVK
GKGEMMTYFLNGGPPLS

Host Rabbit

Reactivity Human

Interspecies Antigen Sequence Mouse (95)

Purification Protein A

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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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

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