

DNAXPAb

Hard-to-Find
Antibody

ADCY7 DNAXPab

Catalog # H00000113-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ADCY7 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence ALIIAFSQGDPSRHQAILGMAFLVLAVFAALSVLMYVECLLRWLRLALLTWACLVALGYVLVFD
AWTKAACAWEQVPFFLFMFVVYLLPFSSMRGAVAVGAVSTASHLLVLGSLMGGFTTPSVRVGL
QLLANAVIFLCGNLTGAFHKHQMDASRDFTYTVKCIQIRRLRIEKRRQENLLSVLPAHISMGM
KLAIIERLKEHGDRRCMPDNNFHSLYVKRHQNVSIYADIVGFTQLASDCSPKELVVVLNELFGKF
DQIAKANEKMRILGDCYYCVSGLPVSLPTHARNVCVMGLDMCQAIKQVREATGVDINMRVGIHS
GNVLCGVIGLRKWQYDVWSHDVSLANRMEAAGVPGRVHITEATLKHLEALLQVR

Host Rabbit

Reactivity Human

Interspecies Antigen Sequence Mouse (83); Rat (82)

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 — ADCY7

Entrez GeneID [113](#)

GeneBank Accession# [BC039891](#)

Protein Accession# [no protein_acc](#)

Gene Name ADCY7

Gene Alias AC7, FLJ36387, KIAA0037

Gene Description adenylate cyclase 7

Omim ID [600385](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenylate cyclase class-4/guanylate cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. [provided by RefSeq]

Other Designations ATP pyrophosphate-lyase[OTTHUMP00000164225]adenylate cyclase

Pathway

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

Disease

- [Asthma](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)