

DNAxPAb

Hard-to-Find
Antibody

ADCYAP1 DNAxPab

Catalog # H00000116-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ADCYAP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTMCSGARLALLVYGIIIMHSSVYSSPAAAGLRFPGIRPEEEAYGEDGNPLPDFDGSEPPGAGSPA SAPRAAAAWYRPAGRRDVAHGILNEAYRKVLDQLSAGKHLQSLVARGVGGSLGGGAGDDAEPL SKRHSDGIFTDSYSRYRKQMAVKKYLA AVL GKRYKQ RVK NKGRRIAYL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); 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 — ADCYAP1

Entrez GeneID [116](#)

GeneBank Accession# [BC093837.1](#)

Protein Accession# [AAH93837.1](#)

Gene Name ADCYAP1

Gene Alias MGC126852, PACAP

Gene Description adenylate cyclase activating polypeptide 1 (pituitary)

Omim ID [102980](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes adenylate cyclase activating polypeptide 1. Mediated by adenylate cyclase activating polypeptide 1 receptors, this polypeptide stimulates adenylate cyclase and subsequently increases the cAMP level in target cells. Adenylate cyclase activating polypeptide 1 is not only a hypophysiotropic hormone, but also functions as a neurotransmitter and neuromodulator. In addition, it plays a role in paracrine and autocrine regulation of certain types of cells. This gene encodes three different mature peptides, including two isoforms, a shorter form and a longer form. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000162201|adenylate cyclase activating polypeptide

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bipolar Disorder](#)

- [Bulimia](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)
- [Sudden Infant Death](#)