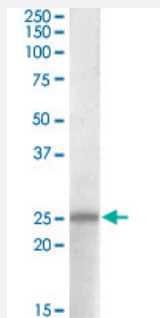


ADCYAP1 polyclonal antibody

Catalog # PAB18702 Size 100 ug

Applications



Western Blot (Tissue lysate)

ADCYAP1 polyclonal antibody (Cat # PAB18702) (1 ug/mL) staining of human hippocampus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ADCYAP1.
Immunogen	A synthetic peptide corresponding to amino acids at C-terminus of human ADCYAP1.
Sequence	C-GKRYKQRVKNKGRR
Host	Goat
Theoretical MW (kDa)	25
Reactivity	Human
Specificity	Reported variants represent identical protein: NP_001093203.1, NP_001108.2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:2000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADCYAP1

Entrez GeneID	116
Protein Accession#	NP_001108.2
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 adenylyl cyclase activating polypeptide 1. Mediated by adenylyl cyclase activating polypeptide 1 receptors, this polypeptide stimulates adenylyl cyclase and subsequently increases the cAMP level in target cells. Adenylyl cyclase activating polypeptide 1 is not only a hypothalamic 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](#)
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