

## ARG65036 anti-PACAP antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes PACAP
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Specificity	Reported variants represent identical protein: NP_001093203.1, NP_001108.2.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PACAP
Species	Human
Immunogen	C-GKRYKQRVKNKGRR
Conjugation	Un-conjugated
Alternate Names	PACAP27; PACAP-27; PACAP; PACAP-38; PACAP38; Pituitary adenylate cyclase-activating polypeptide; PRP-48

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links

[GeneID: 116 Human](#)

[Swiss-port # P18509 Human](#)

Background

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, Jul 2008]

Research Area

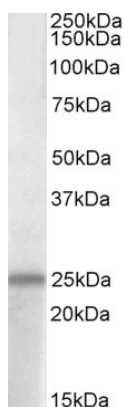
Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

19 kDa

## Images

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ARG65036 anti-PACAP antibody WB image

Western Blot: Human Hippocampus lysate (35 µg protein in RIPA buffer) stained with ARG65036 anti-PACAP antibody at 1 µg/ml dilution.