

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-GKRYKQVRVKNKGRR
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 antigen affinity chromatography.
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	
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



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.