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Datasheet for ABIN7090726  
**anti-PACAP antibody**

### Overview

Quantity:	100 µL
Target:	PACAP (ADCYAP1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PACAP antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant human ADCYAP1.
Clone:	G8R3
Predicted Reactivity:	Human

### Target Details

Target:	PACAP (ADCYAP1)
Alternative Name:	ADCYAP1 ( <a href="#">ADCYAP1 Products</a> )
Background:	Synonyms: Adenylate Cyclase Activating Polypeptide 1 (Pituitary), Prepro-PACAP, PACAP, Pituitary Adenylate Cyclase Activating Polypeptide, PRP-48, PACAP27, PACAP38, ADCYAP1, PACA_HUMAN, Background: Binding to its receptor activates G proteins and stimulates adenylate cyclase in pituitary cells. Promotes neuron projection development through the RAPGEF2/Rap1/B-

## Target Details

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Raf/ERK pathway. In chromaffin cells, induces long-lasting increase of intracellular calcium concentrations and neuroendocrine secretion. Involved in the control of glucose homeostasis, induces insulin secretion by pancreatic beta cells.

Gene ID: 116

UniProt: [P18509](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Activity](#), [cAMP Metabolic Process](#), [Synaptic Membrane](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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Application Notes: WB 1:300-5000

Restrictions: For Research Use only

## Handling

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Concentration: 0.5 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months