

Datasheet for ABIN571003
anti-PACAP antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PACAP (ADCYAP1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PACAP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	PACAP
Immunogen:	Peptide with sequence C-GKRYKQRVKNKGRR, from the C Terminus of the protein sequence according to NP_001108.2.
Sequence:	GKRYKQRVKN KGRR
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001093203.1, NP_001108.2.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

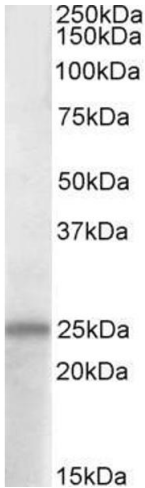
Target:	PACAP (ADCYAP1)
Alternative Name:	ADCYAP1 (ADCYAP1 Products)
Background:	ADCYAP1, adenylate cyclase activating polypeptide 1 (pituitary), MGC126852, PACAP, OTTHUMP00000162201, adenylate cyclase activating polypeptide
Gene ID:	116, 11516, 24166
NCBI Accession:	NP_001108
Pathways:	Neurotrophin 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

Application Notes:	Western Blot: Approx 25 kDa band observed in Human Brain (Cerebral Cortex, Cerebellum and Hippocampus) lysates (calculated MW of 18.8 kDa according to NP_001108.2). This molecular weight is routinely observed by other sources. Recommended concentration: 1- Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571003 (1µg/ml) staining of Human Hippocampus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.