

Datasheet for ABIN7433513
anti-PACAP antibody (AA 1-175)



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2 Images

Overview

Quantity:	100 µL
Target:	PACAP (ADCYAP1)
Binding Specificity:	AA 1-175
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PACAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pituitary Adenylate Cyclase Activating Peptide (PACAP)
Immunogen:	Recombinant Pituitary Adenylate Cyclase Activating Peptide (PACAP) corresponding to Met1~Leu175 (Accession # O70176)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PACAP. It has been selected for its ability to recognize PACAP in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PACAP (ADCYAP1)
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Target Details

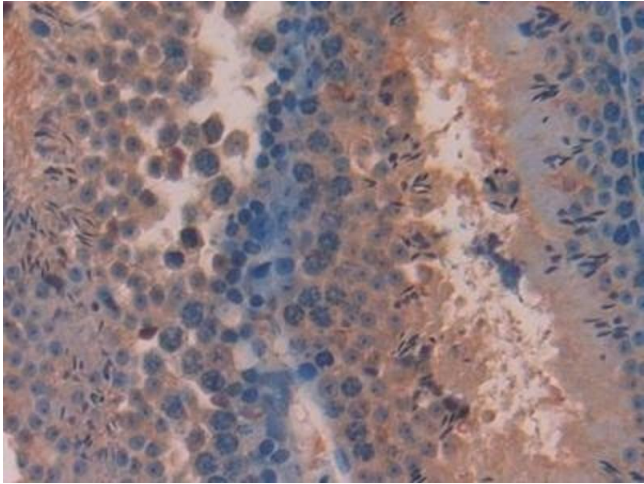
Alternative Name:	PACAP (ADCYAP1 Products)
Background:	ADCYAP1, PRP-48, Pituitary Adenylate Cyclase Activating Peptide
UniProt:	O70176
Pathways:	Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Activity , cAMP Metabolic Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

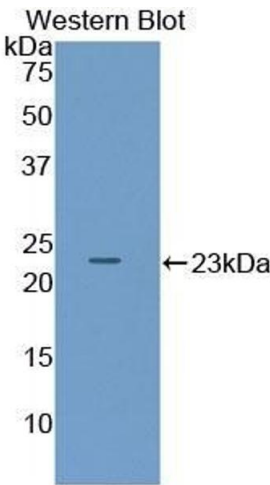
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant ADCYAP1, Mouse using Polyclonal Antibody to Pituitary Adenylate Cyclase Activating Peptide (PACAP)