

Datasheet for ABIN7433510
anti-PACAP antibody (AA 17-176)



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4 Images

Overview

Quantity:	100 µL
Target:	PACAP (ADCYAP1)
Binding Specificity:	AA 17-176
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PACAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Polyclonal Antibody to Pituitary Adenylate Cyclase Activating Peptide (PACAP)
Immunogen:	Recombinant Pituitary Adenylate Cyclase Activating Peptide (PACAP) corresponding to Ile17~Leu176 with N-terminal His and GST Tag
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.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

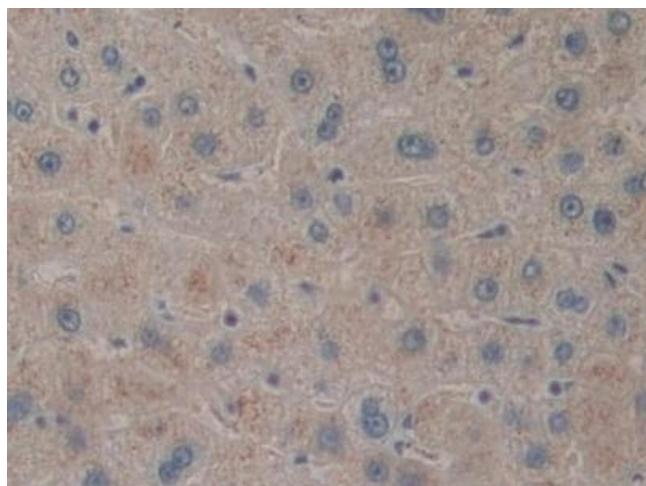
Target:	PACAP (ADCYAP1)
Alternative Name:	PACAP (ADCYAP1 Products)
Background:	ADCYAP1, PRP-48, Pituitary Adenylate Cyclase Activating Peptide
UniProt:	P18509
Pathways:	Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Activity , cAMP Metabolic Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

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

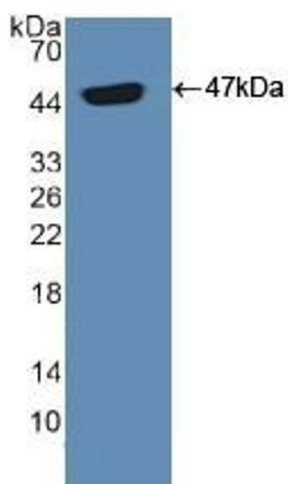
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	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



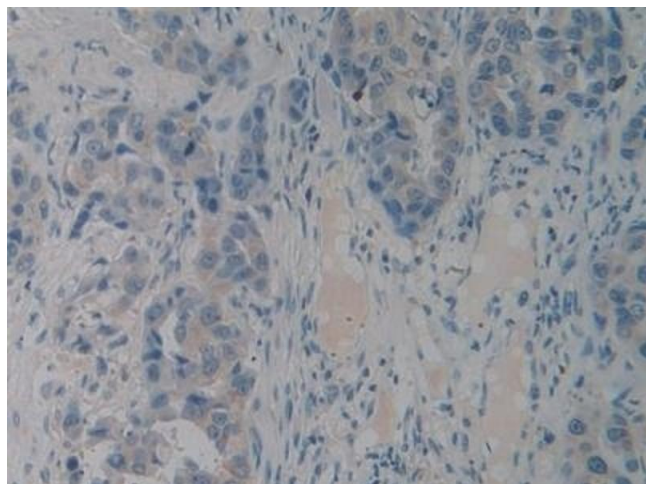
Immunohistochemistry

Image 1. Detection of PACAP in Human Liver Tissue using Polyclonal Antibody to Pituitary Adenylate Cyclase Activating Peptide (PACAP)



Western Blotting

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



Immunohistochemistry

Image 3. Detection of PACAP in Human Breast cancer Tissue using Polyclonal Antibody to Pituitary Adenylate Cyclase Activating Peptide (PACAP)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7433510.