

Datasheet for ABIN726185
anti-ADCYAP1R1 antibody (AA 251-330)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ADCYAP1R1
Binding Specificity:	AA 251-330
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCYAP1R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse PACAP-R1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ADCYAP1R1
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Target Details

Alternative Name:	PACAP receptor 1 (ADCYAP1R1 Products)
Background:	<p>Synonyms: PAC1, PAC1R, PACAPR, PACAPRI, Pituitary adenylate cyclase-activating polypeptide type I receptor, PACAP type I receptor, PACAP-R-1, PACAP-R1, ADCYAP1R1</p> <p>Background: This is a receptor for PACAP-27 and PACAP-38. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. May regulate the release of adrenocorticotropin, luteinizing hormone, growth hormone, prolactin, epinephrine, and catecholamine. May play a role in spermatogenesis and sperm motility. Causes smooth muscle relaxation and secretion in the gastrointestinal tract.</p>
Gene ID:	117
UniProt:	P41586
Pathways:	Neurotrophin Signaling Pathway , cAMP Metabolic Process , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

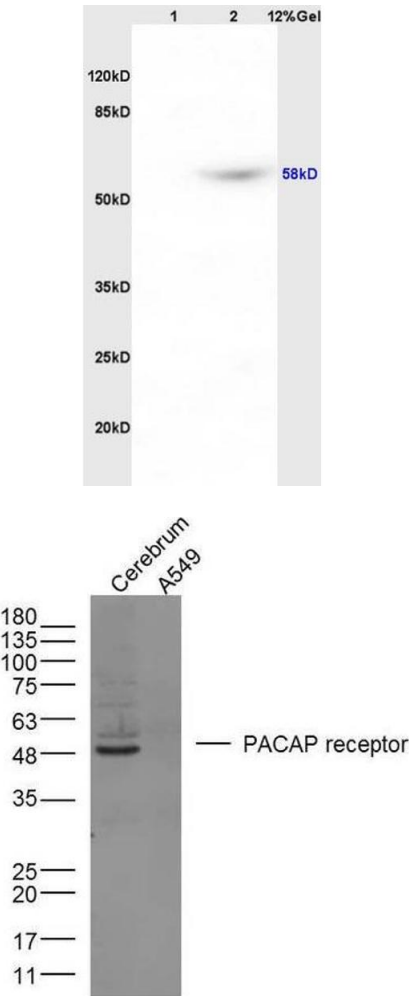
Handling

Format:	Liquid
Concentration:	1 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.

Handling

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

Images



SDS-PAGE

Image 1. Lane 1: rat brain lysates Lane 2: rat heart lysates probed with Anti PACAP R1/PACAP receptor 1 Polyclonal Antibody, Unconjugated (ABIN726185) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 58kD. Observed band size: 58kD.

Western Blotting

Image 2. Mouse brain lysates and Human A549 cells probed with PACAP receptor 1 Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.