

Anti-ADCYAP1R1 Antibody



Description

This gene encodes type I adenylate cyclase activating polypeptide receptor, which is a membrane-associated protein and shares significant homology with members of the glucagon/secretin receptor family. This receptor mediates diverse biological actions of adenylate cyclase activating polypeptide 1 and is positively coupled to adenylate cyclase. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified.

Model	STJ115798
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 21-155 of human ADCYAP1R1 (NP_001186564.1).
Gene ID	117
Gene Symbol	ADCYAP1R1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Most abundant in the brain, low expression in the lung, liver, thymus, spleen, pancreas and placenta
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Pituitary adenylate cyclase-activating polypeptide type I receptor PACAP type I receptor PACAP-R-1 PACAP-R1

Molecular Weight	53.314 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:242OMIM:102981Reactome:R-HSA-187024
Alternative Names	Pituitary adenylate cyclase-activating polypeptide type I receptor PACAP type I receptor PACAP-R-1 PACAP-R1
Function	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
Cellular Localization	Cell membrane

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