

ARG56232 anti-PACAP Receptor antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PACAP Receptor
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PACAP Receptor
Species	Human
Immunogen	Synthetic peptide of Human PACAP receptor
Conjugation	Un-conjugated
Alternate Names	PACAP-R1; PAC1; PACAP type I receptor; PACAP-R-1; Pituitary adenylate cyclase-activating polypeptide type I receptor; PAC1R; PACAPR; PACAPRI

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa and Mouse stomach	

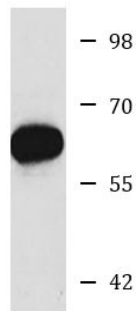
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ADCYAP1R1
Gene Full Name	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I
Background	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. [provided by RefSeq, Dec 2010]
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. [UniProt]
Calculated Mw	53 kDa

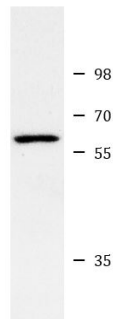
Images



HeLa

ARG56232 anti-PACAP Receptor antibody WB image

Western blot: HeLa cell lysate stained with ARG56232 anti-PACAP Receptor antibody.



Mouse stomach

ARG56232 anti-PACAP Receptor antibody WB image

Western blot: 40 µg of Mouse stomach lysate stained with ARG56232 anti-PACAP Receptor antibody at 1:2000 dilution.