

Product datasheet for **BP743**

PACAP (ADCYAP1) (PACAP38) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, R
Recommended Dilution:	ELISA. Radioimmunoassay (1/60).
Reactivity:	Human
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Proprietary, 14 amino acid peptide sequence of PACAP-38, conjugated to KLH.
Specificity:	This antibody recognizes PACAP-38 and has the following cross reactivities (All tested in simple ELISA assay): PACAP-38: 100% PACAP Immunogen: 75% PACAP-27: 22% PACAP Related Peptide: 9% VIP: 2%.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Aff - Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	adenylate cyclase activating polypeptide 1
Database Link:	Entrez Gene 116 Human P18509



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Background:

PACAP receptor (pituitary adenylate cyclase activating polypeptide type 1 receptor) is a receptor for PACAP 27 and PACAP 38. It is a G protein coupled receptor (GPCR) that may regulate the release of adrenocorticotropin, luteinising hormone, growth hormone, prolactin, epinephrine, and catecholamine. PACAP receptor may play a role in spermatogenesis and sperm motility and also causes smooth muscle relaxation and secretion in the gastrointestinal tract.

Synonyms:

MGC126852; OTTHUMP00000162201; PACAP