

**Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP)
Recombinant Antibody
Catalog # APR10998****Specification**

Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) - Product Information

Application	FC, E, FTA
Primary Accession	P18509
Reactivity	Rat, Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) - Additional Information**Target/Specificity**
PACAP38**Endotoxin**

< 0.001EU/ µg, determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Storage

-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) - Protein Information**Name** ADCYAP1**Function**

Binding to its receptor activates G proteins and stimulates adenylate cyclase in pituitary cells. Promotes neuron projection development through the RAPGEF2/Rap1/B-Raf/ERK pathway. In chromaffin cells, induces long-lasting increase of intracellular calcium concentrations and neuroendocrine secretion (By similarity). Involved in the control of glucose homeostasis, induces insulin secretion by pancreatic beta cells (By similarity).

Cellular Location

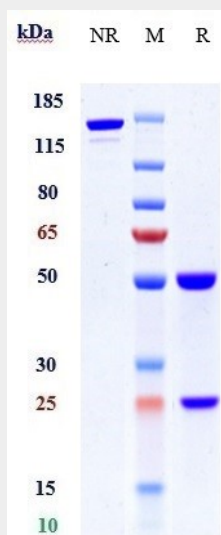
Secreted.

Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) - Protocols

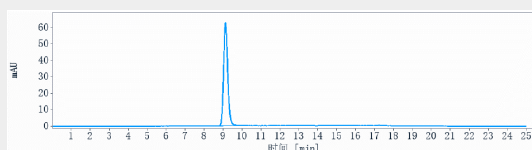
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) - Images



Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) is more than 95%, determined by SEC-HPLC.