

**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

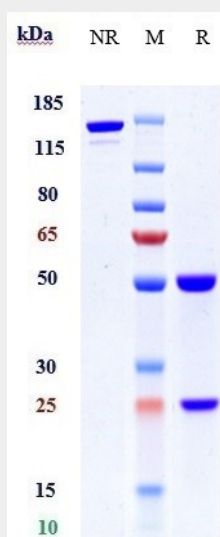
Anti-PACAP38 Reference Antibody (Lilly patent anti-PACAP) - Additional Information**Target/Specificity**
PACAP38**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This 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

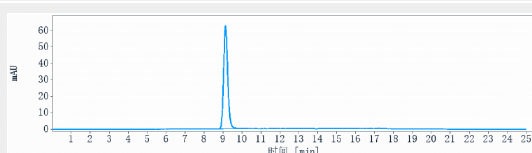
Provided below are standard protocols that you may find useful for product applications.

- [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.