

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

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

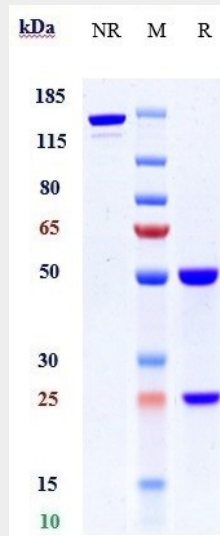
Application	FC, E, FTA
Primary Accession	<a href="#">P18509</a>
Reactivity	Rat, Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

**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.**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**

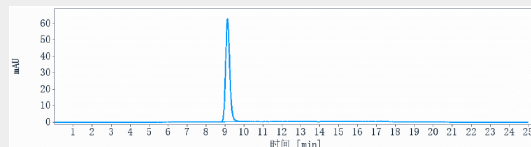
Provided below are standard protocols that you may find useful for product applications.

- [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.