

href="http://www.uniprot.org/citations/32047270" target="_blank">32047270, PubMed:36385145). Exerts neuroprotective and general cytoprotective effects due to anti-apoptotic, anti-inflammatory, and antioxidant actions (PubMed:23800469). Promotes neuron projection development through the RAGGEF2/Rap1/B-Raf/ERK pathway (PubMed:23800469). 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). PACAP exists in two bioactive forms from proteolysis of the same precursor protein, PACAP27 and PACAP38, which differ by eleven amino acid residues in the C-terminus (PubMed:32047270).

Cellular Location

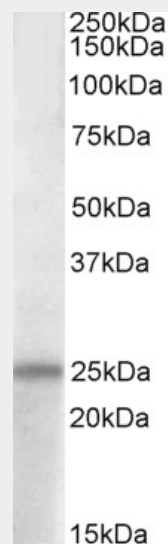
Secreted.

PACAP Antibody (C-Term) - 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](#)

PACAP Antibody (C-Term) - Images



AF2972a (1 µg/ml) staining of Human Hippocampus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PACAP Antibody (C-Term) - Background

Reported variants represent identical protein: NP_001093203.1, NP_001108.2.

PACAP Antibody (C-Term) - References

Novel stable PACAP analogs with potent activity towards the PAC1 receptor. Bourgault S, Vaudry D, Botia B, Couvineau A, Laburthe M, Vaudry H, Fournier A. Peptides 2008 Jun 29 (6): 919-32. PMID: 18353507