



PENINSULA LABORATORIES, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

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Cat. No. T-5042

Guinea Pig anti-PACAP-38 (human, mouse, ovine, porcine, rat)

Specifications:

- Preparation:** This polyclonal antibody was collected from guinea pigs immunized with a synthetic peptide as the immunogen.
- Amount:** Each vial contains 50 ul of whole serum in lyophilized form. Reconstitute with 50 ul of distilled water for the equivalent of undiluted antiserum.
- Storage:** This antibody is supplied as a lyophilized powder. Store at 2°C to 8°C upon receipt. For long-term storage, store lyophilized powder at -20°C. Once reconstituted, the materials should be stored frozen in aliquots at -20°C to -70°C. **Avoid repeated freeze/thaw cycles.**
- Applications:** Immunohistochemistry, Immunocytochemistry, and other applications.
- Sample Types:** The antibody can react with a variety of sample preparation including frozen tissue sections, paraffin embedded tissue sections and fixed cell cultures.

Recommended starting dilution for Immunohistochemical staining:

Immunofluorescence: 1:250 to 1:16000

PAP or ABC: 1:250 to 1:16000

LAB-SA: 1:250 to 1:16000

It is advised for each laboratory to determine optimal dilutions for a specific application.

Cross Reaction:

Peptide	%
PACAP-38 (human, mouse, ovine, porcine, rat)	100
PACAP-38 (16-38) (human, chicken, mouse, ovine, porcine, rat)	100
PACAP-38 (31-38) (human, chicken, mouse, ovine, porcine, rat)	100
PACAP-27 (human, mouse, ovine, porcine, rat)	<0.01
VIP (human, bovine, porcine, rat)	0
CRF (ovine)	0
(Arg ⁸)-Vasopressin	0

Cross-Reactivity data is taken from Radioimmunoassay applications



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