



PENINSULA LABORATORIES, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

Tel: (800) 922-1516 • (650) 592-5392

Fax: (650) 595-4071

www.bachem.com

Cat. No. T-5027

Guinea Pig anti- α -CGRP (human)

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 Reactivity

Peptide	GP215 / Lot A04826	GP217 / lot 23537-x
alpha-CGRP(human)	100	100
alpha-CGRP (rat)	25	0
alpha-CGRP(8-37)(human)	100	28
CGRP(chicken)	30	0
beta-CGRP (human)	100	13.5
Amylin (human)	8	0
Amylin (rat)	0	0
Calcitonin (human)	0	0
Calcitonin (salmon I)	0	0

Cross-reactivity data were taken from radioimmunoassay applications