

CGRP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250602

Unit: 0.1 mg

Description:

The calcitonin family of bioactive peptides comprises of calcitonin, amylin, adrenomedullin (ADM) and two calcitonin-gene related peptides (CGRP1 and CGRP2). CGRP is a 37-aa peptide produced by tissue specific processing of calcitonin. Calcitonin is the major product in the thyroid, whereas CGRP is prominent in neural tissues. CGRP is a potent cardiovascular agent with structural similarity with amylin. CGRP is found in two isoforms (CGRP-I and CGRP-II) that differ only by 3 amino acids.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, Ck, D, H, M, P, R, Sh

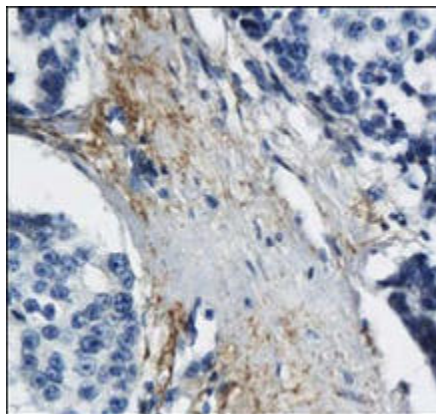
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Calcitonin gene-related peptide 1; Calcitonin gene-related peptide I; CGRP-I; Alpha-type CGRP; CALCA; CALC1; Calcitonin gene-related peptide 2; Calcitonin gene-related peptide II; CGRP-II; beta-type CGRP; CALCB; CALC2

Accession No.: P06881, P10092

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse CGRP.

Application Notes: The product Cat. No. 250602 reacts with CGRP1 and CGRP2. E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CGRP staining in human breast cancer. Paraffin-embedded human breast cancer is stained with CGRP Antibody (Cat. No.250602) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Martinov T et al. PLoS ONE. 2013. 8(10):e78673. PMID# 24205293.

For research use only, not for diagnostic or therapeutic procedures.