Polyclonal Antibody
to CGRP
(Calcitonin gene-related peptide)

Category: Guinea pig polyclonal
Form/Purification: Undiluted guinea pig serum (lyoph.)
Immunogen: Calcitonin gene-related peptide (synthetic, rat, (#6006, Peninsula), conjugated to BSA
Description/Specificity: The CGRP-sequence was predicted from the corresponding mRNA. CGRP is present in the C-cells of the thyroid and in nerves, in both brain and periphery, particularly within the sensory system. CGRP is a potent vasodilator, probably involved in neurogenic inflammation. Medullary carcinomas of the thyroid contain large amounts of CGRP. Absorption with 10 – 100 µg CGRP per ml diluted antiserum abolishes the staining while calcitonin does not. Does not cross-react with amylin (IAPP).
Positive Control: Frozen sections of rat colon
Species tested so far: Human, rat, mouse
Application: • Immunohistochemistry, immunofluorescence • Suitable for paraffin and frozen sections
Reconstitution: Dissolve the antiserum in 50 – 100 µl distilled water, and dilute further in PBS with 1% BSA and 0.1% NaN₃.
Working Dilution: 1:800 – 1:1200 using immunofluorescence (FITC) microscopy with overnight incubation at 2-8°C.
Storage: At 2-8°C (lyoph.) or at -20°C (aliquots)
Quantity / Volume: 50 µl (lyoph.)
Reference:
Cat. No. 16013