

Product datasheet

anti-Calcitonin Gene Related Peptide rabbit polyclonal, serum

Short overview

 Cat. No.
 16012

 Quantity
 50 μl (lyoph.)

Product description

Host Rabbit
Antibody Type Polyclonal

Immunogen Calcitonin gene-related peptide, rat (#6006, Peninsula)

Formulation Lyophilized; reconstitute in 100 µl dist. water

UniprotID P06881 (Human)

Synomym Calcitonin gene-related peptide 1, Alpha-type CGRP, Calcitonin gene-related peptide I, CGRP-I,

CALCA, CALC1

ConjugateUnconjugatedPurificationUndiluted antiserum

Storage before 2-8°C until indicated expiry date

reconstitution

Storage after Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles

reconstitution

Intended use Research use only Application ICC/IF, IHC

Reactivity Human, Mouse, Rat

Applications

Immunocytochemistry (ICC)Assay dependentImmunohistochemistry (IHC) - frozen1:800-1:2,000

Immunohistochemistry (IHC) - paraffin 1:800-1:2,000 (microwave treatment recommended)

Background

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 ug 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.

Product images



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References

Publication	Species	Application
Mulder, H. et al. Islet amyloid polypeptide (amylin) is	rat	IHC (frozen)
expressed in sensory neurons. J. Neurosci. 15, 7625–32		
<u>(1995).</u>		