Product datasheet

Anti-CGRP antibody ab189786

Overview

Product name: Anti-CGRP antibody
Description: Rabbit polyclonal to CGRP
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Mouse, Human
Immunogen: Recombinant full length protein corresponding to Human CGRP aa 1-128.
Sequence:
MGFQKFSPFL ALSILVLLQA GSLHAAPFRS
ALESSPADPA TLSDEARLL LAALVQNYVQ
MKASELEEQ EREGSRIAQ KRACTATCV
THRLAGLLSR SGGVVKNNFV PTNVGSKAFG
RRRRDLQA

Database link: P06881

Positive control: Mouse lung extract

Properties

Form: Liquid
Storage buffer: pH: 7.3
Preservative: 0.02% Sodium azide
Constituents: 49% PBS, 50% Glycerol
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications
CGRP is present in C-cells of the thyroid and in central and peripheral nerves. CGRP has several important physiologic roles: it is a potent vasodilator, and can affect the force and rate of heart beat; it can modulate acetylcholine receptor function at the neuromuscular junction; it has been demonstrated to block tolerance to morphine; and it can modulate antigen presentation in Langerhans cells in the skin. Despite these important physiologic functions, therapeutic strategies using CGRP have been impeded due to the lack of a cloned CGRP receptor with which ligands could be developed.

**Cellular localization**
- Endoplasmic reticulum and Secreted

**Target**

**Relevance**

CGRP is present in C-cells of the thyroid and in central and peripheral nerves. CGRP has several important physiologic roles: it is a potent vasodilator, and can affect the force and rate of heart beat; it can modulate acetylcholine receptor function at the neuromuscular junction; it has been demonstrated to block tolerance to morphine; and it can modulate antigen presentation in Langerhans cells in the skin. Despite these important physiologic functions, therapeutic strategies using CGRP have been impeded due to the lack of a cloned CGRP receptor with which ligands could be developed.

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**Images**

Anti-CGRP antibody (ab189786) at 1/500 dilution + Mouse lung extract

**Predicted band size**: 14 kDa

Western blot - Anti-CGRP antibody (ab189786)

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