


Product datasheet

Anti-CGRP antibody (Biotin) ab47855

Overview

<b>Product name</b>	Anti-CGRP antibody (Biotin)
<b>Description</b>	Rabbit polyclonal to CGRP (Biotin)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> RIA, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Rat <b>Predicted to work with:</b> Mouse, Sheep, Horse, Dog, Human, Pig 
<b>Immunogen</b>	Synthetic peptide: SCNTATCVTH RLAGLLSRSG GVVKDNFVPT NVGSEAF conjugated to KLH, corresponding to amino acids 5-41 of Rat CGRP <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 50% Glycerol, PBS, pH 7.5
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab47855** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
RIA		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.

## Target

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### 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.

### Cellular localization

Endoplasmic reticulum and Secreted

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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