

CALCRL Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17873c**Specification**

CALCRL Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q16602](#)**CALCRL Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 10203**Other Names**

Calcitonin gene-related peptide type 1 receptor, CGRP type 1 receptor, Calcitonin receptor-like receptor, CALCRL, CGRPR

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CALCRL Antibody (Center) Blocking Peptide - Protein Information**Name** CALCRL ([HGNC:16709](#))**Synonyms** CGRPR**Function**

Receptor for calcitonin-gene-related peptide (CGRP) together with RAMP1 and receptor for adrenomedullin together with RAMP3 (By similarity). Receptor for adrenomedullin together with RAMP2 (PubMed: <http://www.uniprot.org/citations/22102369> target="_blank">22102369, PubMed: <http://www.uniprot.org/citations/30115739> target="_blank">30115739). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (PubMed: <http://www.uniprot.org/citations/22102369> target="_blank">22102369, PubMed: <http://www.uniprot.org/citations/30115739> target="_blank">30115739).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Predominantly expressed in the lung and heart.

CALCRL Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CALCRL Antibody (Center) Blocking Peptide - Images

CALCRL Antibody (Center) Blocking Peptide - Background

Receptor for calcitonin-gene-related peptide (CGRP) together with RAMP1 and receptor for adrenomedullin together with RAMP2 or RAMP3 (By similarity). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

CALCRL Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Kuwasako, K., et al. Biochem. Biophys. Res. Commun. 392(3):380-385(2010) Chang, C.L., et al. J. Biol. Chem. 285(2):1075-1080(2010) Barwell, J., et al. Peptides 31(1):170-176(2010) Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :