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CALCRL / CGRP Receptor Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS10872

Specification

CALCRL / CGRP Receptor Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q16602
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**53kDa KDa**

CALCRL / CGRP Receptor Antibody (N-Terminus) - Additional Information

Gene ID 10203

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

Target/Specificity
Human CALCRL. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
CALCRL / CGRP Receptor Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CALCRL / CGRP Receptor Antibody (N-Terminus) - 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:22102369, PubMed:30115739). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (PubMed:22102369, PubMed:30115739).

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Predominantly expressed in the lung and heart.

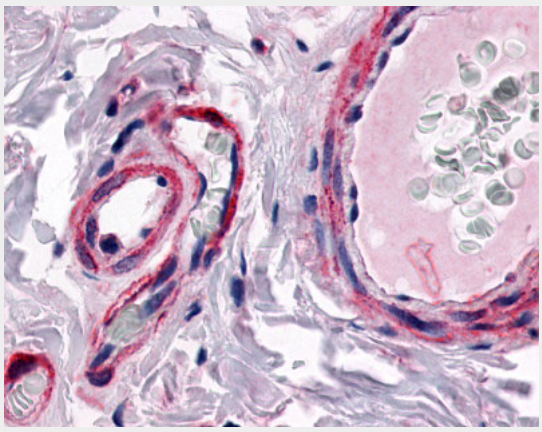
Volume
50 µl

CALCRL / CGRP Receptor Antibody (N-Terminus) - Protocols

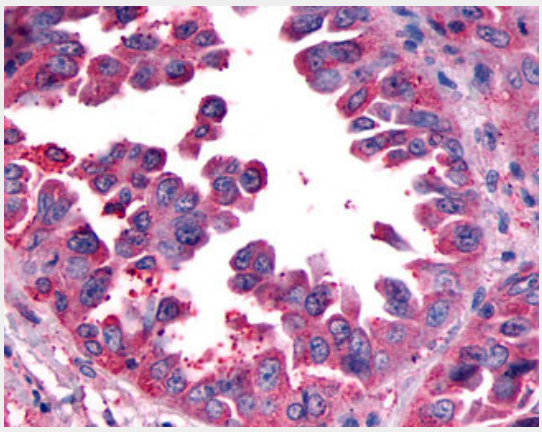
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CALCRL / CGRP Receptor Antibody (N-Terminus) - Images

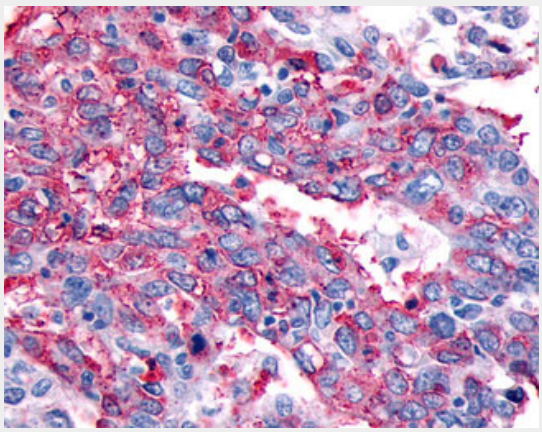


Anti-CALCRL antibody ALS10872 IHC of human colon, submucosal vessels.



Anti-CALCRL / CGRP Receptor antibody IHC of human Lung, Non-Small Cell Carcinoma.

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Anti-CALCRL / CGRP Receptor antibody IHC of human Ovary, Carcinoma.

CALCRL / CGRP Receptor Antibody (N-Terminus) - Background

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. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

CALCRL / CGRP Receptor Antibody (N-Terminus) - References

Aiyar N.,et al.J. Biol. Chem. 271:11325-11329(1996).
Fluehmann B.,et al.Biochem. Biophys. Res. Commun. 206:341-347(1995).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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