

CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10868**Specification**

CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) - Product Information

Application	IHC
Primary Accession	Q16602
Reactivity	Human, Rabbit, Hamster, Monkey, Pig, Horse, Xenopus, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) - 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, except CALCRL (56%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) - 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](http://www.uniprot.org/citations/22102369), PubMed: [30115739](http://www.uniprot.org/citations/30115739)). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (PubMed: [22102369](http://www.uniprot.org/citations/22102369), PubMed: [30115739](http://www.uniprot.org/citations/30115739)).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Predominantly expressed in the lung and heart.

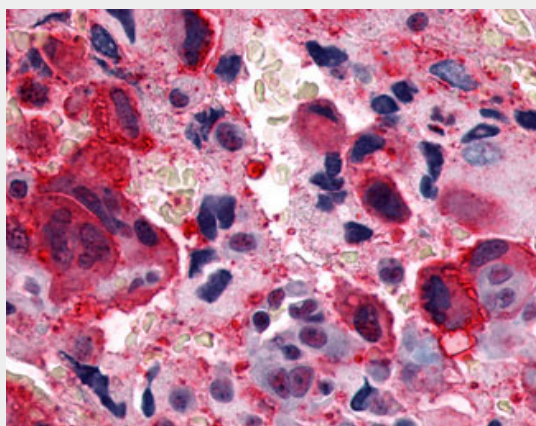
Volume

50 µl

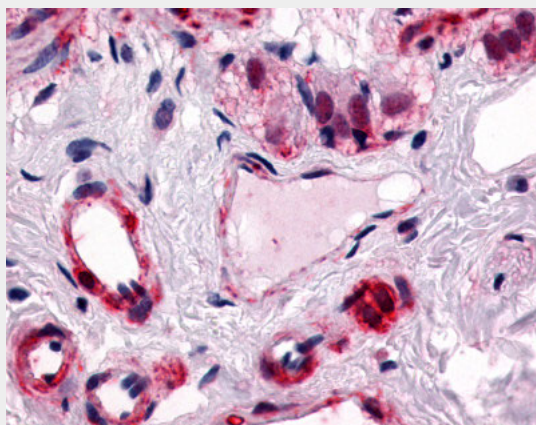
CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

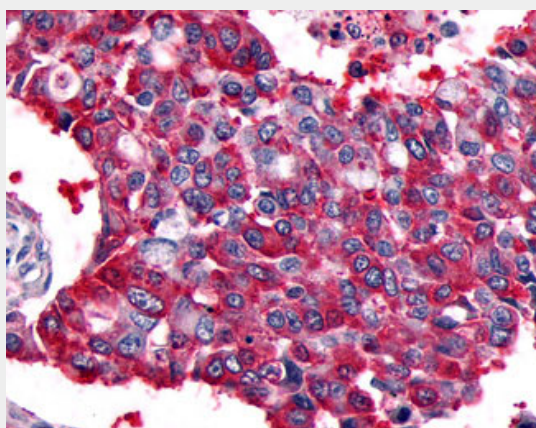
CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) - Images

Anti-CALCRL / CGRP Receptor antibody IHC of human Bone, Osteosarcoma.



Anti-CALCRL antibody ALS10868 IHC of human colon, submucosal plexus and submucosal

vessels.



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

CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) - 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 (Cytoplasmic Domain) - References

Aiyar N.,et al.J. Biol. Chem. 271:11325-11329(1996).
Fluehmann B.,et al.Biochem. Biophys. Res. Commun. 206:341-347(1995).
Kopatz S.A.,et al.Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).