

Rabbit CALCRL / CGRP Receptor Polyclonal Antibody | anti-CALCRL antibody

Rabbit Polyclonal to Human CALCRL / CGRP Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51044	Rabbit	Gibbon, Bovine, Dog, Xenopus, Gorilla, Goat, Hamster, Horse, Human, Monkey, Orangutan, Pig, Rabbit, Rat Predicted Reactivity: Mouse, Bat, Guinea pig, Zebrafish (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

CALCRL / CGRP Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human CALCRL / CGRP Receptor; Anti-CALCRL / CGRP Receptor Antibody (Cytoplasmic Domain) IHC-plus; CALCRL; CGRP type 1 receptor; Cgrp1 receptor; CRLR; Calcitonin receptor-like; CGRP receptor; CGRPR; Human CALCRL; CGRP Receptor; anti-CALCRL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Dog, Xenopus, Gorilla, Goat, Hamster, Horse, Human, Monkey, Orangutan, Pig, Rabbit, Rat Predicted Reactivity: Mouse, Bat, Guinea pig, Zebrafish (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CALCRL. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except CALCR (56%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	461
Applicable Applications for anti-CALCRL antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human CALCRL. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Rat, Goat, Hamster, Panda, Dog, Bovine, Horse, Rabbit, Pig.
Immunogen Type	Synthetic peptide
Immunogen	CALCRL / CGRP Receptor antibody was raised against synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human CALCRL. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Rat, Goat, Hamster, Panda, Dog, Bovine, Horse, Rabbit, Pig, Opossum, Xenopus (100%); Mouse, Elephant, Bat, Guinea pig, Stickleback, Pufferfish, Zebrafish (94%); Turkey, Chicken (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemisry)
Anti-CALCRL / CGRP Receptor antibody IHC of human Bone, Osteosarcoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-CALCRL / CGRP Receptor antibody IHC of human Lung, Non-Small Cell Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CALCRL antibody IHC of human colon, submucosal plexus and submucosal vessels.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CALCRL antibody	Calcitonin receptor-like receptor (CRLR) is an Adrenomedullin Receptor that requires two additional proteins to function: a chaperone protein RAMP (receptor activity modifying protein) and the component protein RCP. The function of CRLR depends on its interaction with RAMP. When coexpressed with RAMP1, CRLR acts as a receptor for calcitonin gene-related peptide (CGRP). In contrast, when CRLR is coexpressed with either RAMP2 or RAMP3, it acts as a receptor for adrenomedullin.
Product Categories/Family for anti-CALCRL antibody	Family: GPCR; Subfamily: Adrenomedullin

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031621
NCBI GeneID	10203
NCBI Accession #	NP_005786.1
NCBI GenBank Nucleotide #	NM_005795.5
UniProt Accession #	Q16602; Q53S02; Q53TS5; A8K6G5; A8KAD3
Molecular Weight	52,929 Da
NCBI Official Full Name	calcitonin gene-related peptide type 1 receptor
NCBI Official Synonym Full Names	calcitonin receptor-like
NCBI Official Symbol	CALCRL
NCBI Official Synonym Symbols	CRLR; CGRPR
NCBI Protein Information	calcitonin gene-related peptide type 1 receptor; CGRP type 1 receptor; calcitonin receptor-like receptor
UniProt Protein Name	Calcitonin gene-related peptide type 1 receptor
UniProt Gene Name	CALCRL
UniProt Synonym Gene Names	CGRPR; CGRP type 1 receptor
UniProt Entry Name	CALRL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

