



Rabbit Anti-CGRP-II antibody

SL10191R

Product Name:	CGRP-II
Chinese Name:	降钙素基因相关肽2抗体
Alias:	Procalcitonin; Beta type CGRP; CALC2; CALCB; Calcitonin 1; Calcitonin 2; Calcitonin gene related peptide; Calcitonin gene related peptide II; Calcitonin related polypeptide beta; CGRP; CGRP II; CGRP2; CT; Calcitonin/calcitonin related polypeptide alpha; Katalcalcin; MGC126648; CALCB_HUMAN; Calcitonin gene-related peptide 2; Beta-type CGRP; Beta-CGRP; Calcitonin gene-related peptide II; CGRP-II.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	3.8kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CGRP-II:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katalcalcin by tissue-specific alternative RNA splicing of the gene transcripts and

cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Nov 2009]

Function:

CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role.

Subcellular Location:

Secreted.

Similarity:

Belongs to the calcitonin family.

SWISS:

?

Gene ID:

797

Database links:

[Entrez Gene: 797](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.