

CALCA

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:13kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CALCA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CT; KC; CGRP; CALC1; CGRP1; CGRP-I;

Catalog #:A5542

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:796

Isotype:IgG

Swiss Prot:P06881

Purity:Affinity purification

For research use only.

Background:

This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katecalcine 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 katecalcine is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.

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