

CALCA rabbit pAb

Cat No.: ES11390

For research use only

Overview

Product Name CALCA rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000 ELISA 1:5000-20000

Immunogen Synthesized peptide derived from human protein .

at AA range: 71-120

Specificity CALCA Polyclonal Antibody detects endogenous

levels of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Calcitonin gene-related peptide 1 (Alpha-type CGRP)

(Calcitonin gene-related peptide I) (CGRP-I)

Gene Name CALCA CALC1
Cellular localization Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 14kD
Human Gene ID 796
Human Swiss-Prot Number P06881

Alternative Names

Background CALCA encodes the peptide hormones calcitonin,

calcitonin gene-related peptide and katacalcin 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.

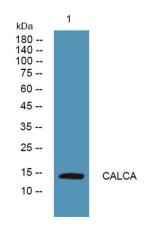
Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while



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katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for CALCA.

Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



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