



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 katalcacin 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





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

