



CALCA Polyclonal Antibody

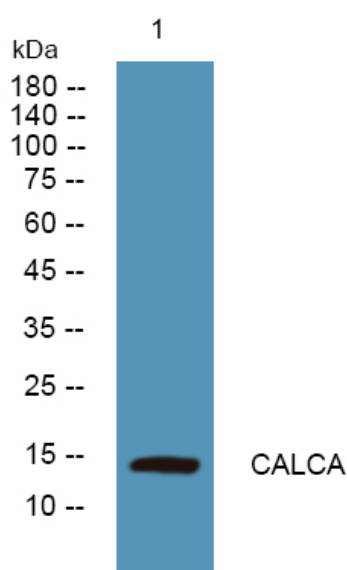
Catalog No	YP-Ab-07298
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CALCA CALC1
Immunogen	Synthesized peptide derived from human protein . at AA range: 71-120
Specificity	CALCA Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CALCA;Calcitonin;CALC1;Calcitonin gene-related peptide 1;Calcitonin gene-related peptide I;CALCA CALC1;Calcitonin gene-related peptide 1 (Alpha-type CGRP) (Calcitonin gene-related peptide I) (CGRP-I)
Observed Band	14kD
Calculated Molecular Weight	14kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	
Background	CALCA encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katecalcitonin 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 katecalcitonin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for CALCA.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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