

ARG67044 anti-Procalcitonin antibody [SQab30310]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant rabbit Monoclonal antibody [SQab30310] recognizes Procalcitonin
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30310
Isotype	IgG
Target Name	Procalcitonin
Species	Human
Immunogen	Synthetic peptide of Human Procalcitonin.
Conjugation	Un-conjugated
Alternate Names	CALCA, Calcitonin Related Polypeptide Alpha, CGRP-Alpha, Calcitonin, CALC1, CGRP, Calcitonin Gene-Related Peptide 1, Calcitonin Gene-Related Peptide I, Alpha-Type CGRP, Calcitonin 1, CGRP-I, Calcitonin/Calcitonin-Related Polypeptide, Alpha, Katalcalcin, CGRP1, PCT, CT, KC

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Tonsil	

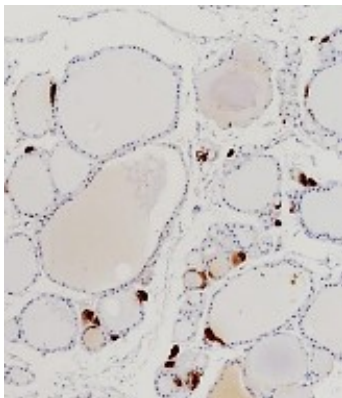
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05%BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CALCA
Gene Full Name	Calcitonin Related Polypeptide Alpha
Background	This gene 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 katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2014]
Function	Calcitonin causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of those ions in the bones. [UniProt]
Calculated Mw	14 kDa
PTM	Amidation, Cleavage on pair of basic residues, Disulfide bond, Phosphoprotein. [UniProt]
Cellular Localization	Secreted

Images



ARG67044 anti-Procalcitonin antibody [SQab30310] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded tonsil stained with ARG67044 anti-Procalcitonin antibody [SQab30310].