

## Anti-Calcitonin/Calca Antibody FITC Conjugated

Catalog Number: A02352-FITC

### About Calca

Calcitonin, also known as CALCA, is a peptide hormone synthesized by the parafollicular cells of the thyroid. It is mapped to 11p15.2. Calcitonin belongs to the calcitonin-like protein family. 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.

### Overview

Product Name	Anti-Calcitonin/Calca Antibody FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P70160

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Calcitonin, which shares 90.6% and 96.9% amino acid (aa) sequence identity with human and rat Calcitonin, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

## 1 Publications Citing This Product

1. PubMed ID: 10.1016/j.jdiacomp.2013.08.001, STZ treatment induced apoptosis of retinal cells and effect of up-regulation of calcitonin gene related peptide in rats

Visit [bosterbio.com/anti-calcitonin-picoband-trade-antibody-a02352-boster.html](http://bosterbio.com/anti-calcitonin-picoband-trade-antibody-a02352-boster.html) to see all 1 publications.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Calcitonin/Calca Antibody - FITC

For Research Use Only. Not for use in diagnostic procedures.