BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-CALCR Antibody (C-term)

**Catalog Number:** A03322-1

## About CALCR

CALCR is a high affinity receptor for the peptide hormone calcitonin and belongs to a subfamily of seven transmembrane-spanning G protein-coupled receptors. The encoded protein is involved in maintaining calcium homeostasis and in regulating osteoclast-mediated bone resorption. Polymorphisms in this gene have been associated with variations in bone mineral density and onset of osteoporosis.

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## Overview

| | |
|---|---|
| Product Name | Anti-CALCR Antibody (C-term) |
| Reactive Species | Human |
| Description | Boster Bio Anti-CALCR Antibody (C-term) (Catalog # A03322-1). Tested in WB, IF, Flow Cytometry application(s). This antibody reacts with Human. |
| Application | Flow Cytometry, IF, WB |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P30988 |

## Technical Details

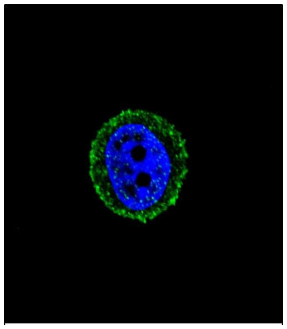
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|---|---|
| Immunogen | This CALCR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 444-474 amino acids of human CALCR. |
| Predicted Reactive Species | Bovine, Chicken, Mouse |
| Isotype | Rabbit IgG |
| Purification | This antibody is purified through a protein A column, followed by peptide affinity purification. |

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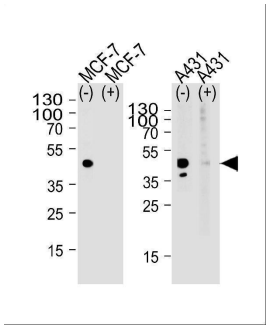
| | |
|---|---|
| Suggested Dilutions | IF: 1:10-1:50<br>WB: 1:1000<br>FC: 1:10-1:50 |

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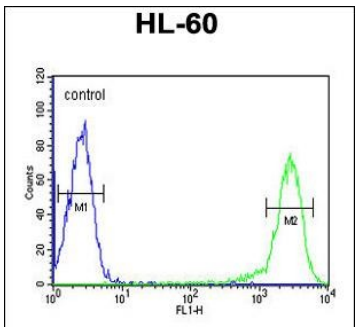
# Anti-CALCR Antibody (C-term) (A03322-1) Images



Confocal immunofluorescent analysis of CALCR Antibody (C-term) with MCF-7 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).




Western blot analysis of lysate from MCF-7, A431 cell line, using CALCR Antibody (C-term) with(+) or without(-) peptides. A03322-1 was diluted at 1:1000 at each lane. A goat anti-rabbit (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.




CALCR Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Anti-CALCR Antibody (C-term)

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