

Rabbit anti-Human CALCR Polyclonal Antibody | anti-CALCR antibody

CALCR Antibody (C-term)

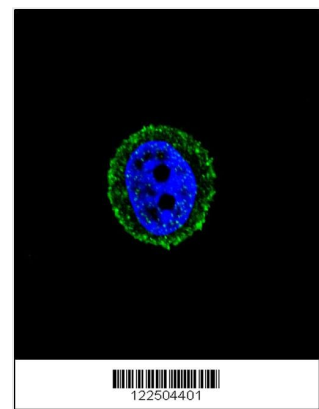
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284486	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

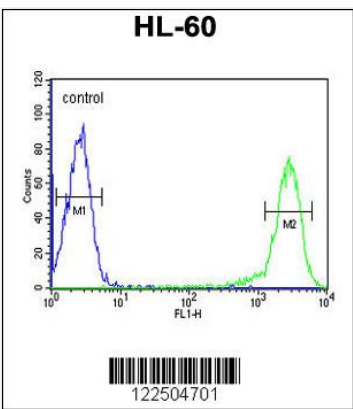
CALCR; Polyclonal Antibody; CALCR Antibody (C-term); Calcitonin receptor; CT-R; anti-CALCR antibody

PRODUCT SPECIFICATIONS

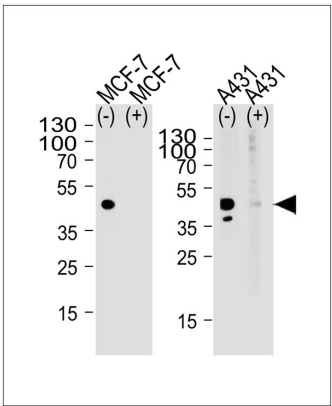
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CALCR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-474 amino acids from the C-terminal region of human CALCR.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	445-474
Sequence Length	274
Applicable Applications for anti-CALCR antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
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).



FCM/FACS (Flow Cytometry)
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.



WB (Western Blot)
Western blot analysis of lysate from MCF-7, A431 cell line, using CALCR Antibody (C-term) with(+) or without(-) peptides. AAA284486 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.

ADDITIONAL INFORMATION

Related Product Information for anti-CALCR antibody	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.
Product Categories/Family for anti-CALCR antibody	Crown Antibodies; Cancer; Signal Transduction; Loading Control
References	Nussenzveig, D.R., et al. Endocrinology 136(5):2047-2051(1995) Nakamura, M., et al. Biochem. Biophys. Res. Commun. 209(2):744-751(1995) Egerton, M., et al. J. Mol. Endocrinol. 14(2):179-189(1995) Gorn, A.H., et al. J. Clin. Invest. 90(5):1726-1735(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	260064024
NCBI GeneID	799
NCBI Accession #	NP_001158209.1; NP_001158210.1; NP_001733.1
NCBI GenBank Nucleotide #	NM_001164737.1
UniProt Accession #	P30988; O14585; Q13941; Q5ZGL8; Q659U6; Q6DJU8; Q6T712; A4D1G6; F5H605

Molecular Weight	59352
NCBI Official Full Name	calcitonin receptor isoform 1
NCBI Official Synonym Full Names	calcitonin receptor
NCBI Official Symbol	CALCR
NCBI Official Synonym Symbols	CRT; CTR; CT-R; CTR1
NCBI Protein Information	calcitonin receptor
UniProt Protein Name	Calcitonin receptor
UniProt Gene Name	CALCR
UniProt Synonym Gene Names	CT-R
UniProt Entry Name	CALCR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/calcr-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/284486>