

CALCR rabbit monoclonal antibody

Catalog # H00000799-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CALCR peptide using ARM Technology.
Immunogen	A synthetic peptide of human CALCR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CALCR peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CALCR

Entrez GeneID [799](#)

GeneBank Accession# [CALCR](#)

Gene Name CALCR

Gene Alias CRT, CTR, CTR1

Gene Description calcitonin receptor

Omim ID [114131 166710](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. Alternate splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000025217|OTTHUMP00000162535

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cystic fibrosis](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femoral Neck Fractures](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Kidney Calculi](#)
- [Lung Neoplasms](#)
- [Mandibular Diseases](#)
- [Maxillary Diseases](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Periodontitis](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Calculi](#)
- [Werner syndrome](#)