



CALCR Monoclonal Antibody

Catalog No	BYmab-07363
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CALCR
Protein Name	Calcitonin receptor (CT-R)
Immunogen	Synthesized peptide derived from human protein . at AA range: 410-490
Specificity	CALCR Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	53kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Amygdala,Kidney,Mammary carcinoma,Ovarian carcinoma,Placenta,
Function	function:This is a receptor for calcitonin. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The calcitonin receptor is thought to couple to the heterotrimeric guanosine triphosphate-binding protein that is sensitive to cholera toxin.,polymorphism:Genetic variations in CALCR may be correlated with bone mineral density (BMD). Low BMD is a risk factor for osteoporotic fracture. Osteoporosis is characterized by reduced bone mineral density, disruption of bone microarchitecture, and the alteration of the amount and variety of non-collagenous proteins in bone. Osteoporotic bones are more at risk of fracture.,similarity:Belongs to the G-protein coupled receptor 2 family.,subunit:Interacts with GPRASP2.,

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**Background**

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, Sep 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images