







# **CALCR Polyclonal Antibody**

Catalog No	YP-Ab-07363
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CALCR
Protein Name	Calcitonin receptor (CT-R)
Immunogen	Synthesized peptide derived from human protein . at AA range: 410-490
Specificity	CALCR Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
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, disrutption 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.,
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



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osteoporosis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009],

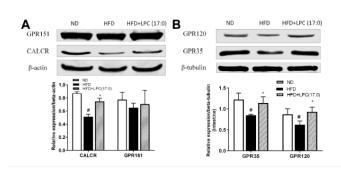
## matters needing attention

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**



Lysophosphatidylcholine (17:0) Improves HFD-Induced Hyperglycemia & Emp; Insulin Resistance: A Mechanistic Mice Model Study