

CaSR (phospho Thr888) Polyclonal Antibody

Catalog No: #14011

Package Size: #14011-1 50ul #14011-2 100ul

Description

Product Name	CaSR (phospho Thr888) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-CaSR (T888) Polyclonal Antibody detects endogenous levels of CaSR protein only when phosphorylated at T888.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Calcium Sensing Receptor around the phosphorylation site of Thr888. AA range:854-903
Conjugates	Unconjugated
Other Names	CASR; GPRC2A; PCAR1; Extracellular calcium-sensing receptor; CaSR; Parathyroid cell calcium-sensing receptor; PCaR1
Accession No.	Swiss Prot:P41180GeneID:846
SDS-PAGE MW	140
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

Background

calcium sensing receptor(CASR) Homo sapiens The protein encoded by this gene is a G protein-coupled receptor that is expressed in the parathyroid hormone (PTH)-producing chief cells of the parathyroid gland, and the cells lining the kidney tubule. It senses small changes in circulating calcium concentration and couples this information to intracellular signaling pathways that modify PTH secretion or renal cation handling, thus this protein plays an essential role in maintaining mineral ion homeostasis. Mutations in this gene cause familial hypocalciuric hypercalcemia, familial, isolated hypoparathyroidism, and neonatal severe primary hyperparathyroidism. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.