Calcium Sensing Receptor (Phospho-Thr888) Antibody

Catalog No: #12041

Package Size: #12041-1 50ul #12041-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

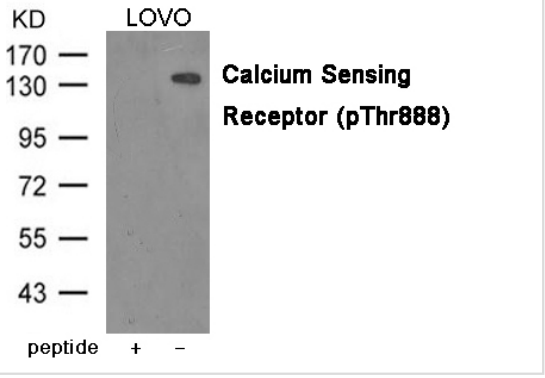
Product Name	Calcium Sensing Receptor (Phospho-Thr888) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Calcium Sensing Receptor only when phosphorylated at Threonine 888.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Threonine 888 (R-A-T(p)-L-R) derived from Human Calcium Sensing Receptor.
Target Name	Calcium Sensing Receptor
Modification	Phospho
Other Names	CAR, FHH, FIH, HHC, EIG8
Accession No.	Swiss-Prot#: P41180; NCBI Gene#: 846; NCBI Protein#: NP_000379.2
SDS-PAGE MW	140kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Predicted MW: 140kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from LOVO cells using Calcium Sensing Receptor (Phospho-Thr888) Antibody #12041.The lane on the left is treated with the antigen-specific peptide.

Background

Senses changes in the extracellular concentration of calcium ions. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system.

Published Papers

el at., Acetylcholine protects mesenteric arteries against hypoxia/reoxygenation injury via inhibiting calcium-sensing receptor.In J Pharmacol Sci on 2015 Apr by Ming Zhao , Xi He et al..PMID:25922231 , , (2015)

PMID:25922231

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