

# Calcium Sensing Receptor (Phospho-Thr888) Antibody

Catalog No: #12041

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

## Description

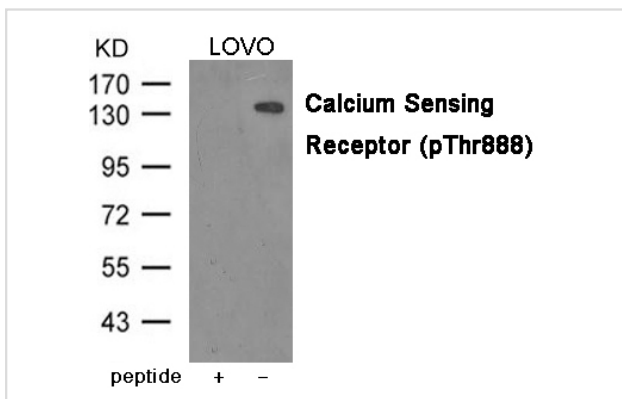
|                       |  |
|-----------------------|--|
| Product Name          | Calcium Sensing Receptor (Phospho-Thr888) Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography 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   |
| Uniprot               | P41180   |
| GeneID                | 846;   |
| SDS-PAGE MW           | 140kd  |
| Concentration         | 1.0mg/ml   |
| Formulation           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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.

Note: This product is for in vitro research use only