

Calcium Sensing Receptor Antibody | anti-CASR antibody

Calcium Sensing Receptor (Phospho-Thr888) Antibody

CATALOG # AAA112070	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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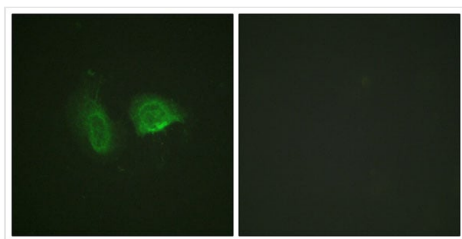
PRODUCT SYNONYMS

Calcium Sensing Receptor; Calcium Sensing Receptor (Phospho-Thr888) Antibody; CaSR; Extracellular calcium-sensing receptor precursor; GPRC2A; PCAR1; Parathyroid Cell calcium-sensing receptor; anti-CASR antibody

PRODUCT SPECIFICATIONS

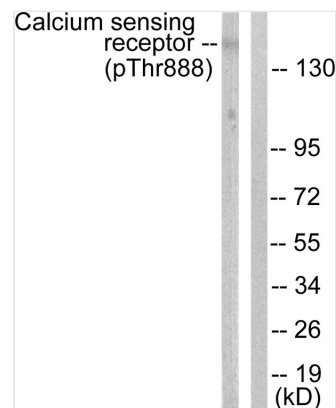
Reactivity	Human, Mouse, Rat
Specificity	Calcium Sensing Receptor (Phospho-Thr888) antibody detects endogenous levels of Calcium Sensing Receptor only when phosphorylated at threonine 888.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1078
Applicable Applications for anti-CASR antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Calcium Sensing Receptor around the phosphorylation site of threonine 888 (R-A-TP-L-R).
All Sites	Human: Thr888 Mouse: Thr888 Rat: Thr888
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from LOVO cells, using Calcium Sensing Receptor (Phospho-Thr888) antibody. Immunofluorescence analysis of HeLa cells, using Calcium Sensing Receptor (Phospho-Thr888) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-CASR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Garrett J.E., J. Biol. Chem. 270:12919-12925(1995). Aida K., Biochem. Biophys. Res. Commun. 214:524-529(1995). Uckun-Kitapci A., Am. J. Med. Genet. A 132:125-129(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	37577159
NCBI GeneID	846
NCBI Accession #	NP_000379.2
NCBI GenBank Nucleotide #	NM_000388.3
UniProt Accession #	P41180; Q13912; Q16108; Q16109; Q16110; Q16379; Q2M1T0; Q4PJ19
Molecular Weight	121,773 Da
NCBI Official Full Name	extracellular calcium-sensing receptor isoform 2
NCBI Official Synonym Full Names	calcium sensing receptor
NCBI Official Symbol	CASR
NCBI Official Synonym Symbols	CAR; FHH; FIH; HHC; EIG8; HHC1; NSHPT; PCAR1; hCasR; GPRC2A; HYPOC1
NCBI Protein Information	extracellular calcium-sensing receptor
UniProt Protein Name	Extracellular calcium-sensing receptor
UniProt Gene Name	CASR
UniProt Synonym Gene Names	PCaR1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/casr-human-mouse-rat-antibody/calcium-sensing-receptor/112070>