

Rabbit Calcium Sensing Receptor Polyclonal Antibody | anti-CASR antibody

Calcium Sensing Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307106	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Calcium Sensing Receptor; Polyclonal Antibody; Calcium Sensing Receptor Antibody; CAR antibody; EIG8 antibody; FHH antibody; FIH antibody; GPRC2A antibody; HHC antibody; HHC1 antibody; MGC138441 antibody; NSHPT antibody; PCAR1 antibody; CASR antibody; parathyroid cell calcium-sensing receptor antibody; parathyroid Ca(2+)-sensing recept; anti-CASR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Calcium Sensing Receptor protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	PBS, 20% Glycerol
Concentration	0.55mg/ml (varies by lot)
Sequence Length	1078
Applicable Applications for anti-CASR antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Peptide
Target Name	Calcium Sensing Receptor
Preparation and Storage	For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

IMAGES



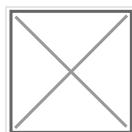
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded SAS xenograft , using Calcium Sensing Receptor antibody at 1:500 dilution.



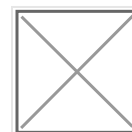
SDS-PAGE

Various tissue extracts (50 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Calcium Sensing Receptor antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



SDS-PAGE

Unboiled whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Calcium Sensing Receptor antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



SDS-PAGE

Rat tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Calcium Sensing Receptor antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CASR antibody	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]
Product Categories/Family for anti-CASR antibody	Total protein Ab

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	SDS-PAGE MW 121kd
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; GPRC2A; HYPOC1
NCBI Protein Information	extracellular calcium-sensing receptor
UniProt Protein Name	Extracellular calcium-sensing receptor
UniProt Gene Name	CASR
UniProt Synonym Gene Names	GPRC2A; PCAR1; CaSR; PCaR1
UniProt Entry Name	CASR_HUMAN

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/polyclonal/calcium-sensing-receptor-antibody-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/307106>