

Rabbit anti-Human CASR Polyclonal Antibody | anti-CASR antibody

CASR Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175265	Rabbit	Human	ELISA, Immunohistochemistry

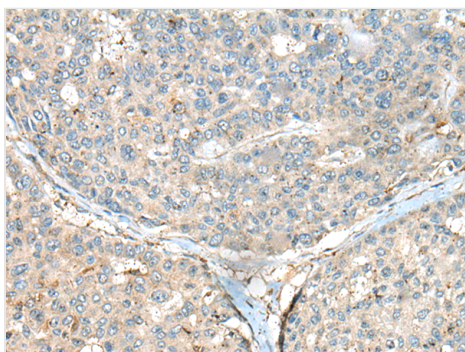
PRODUCT SYNONYMS

CASR; Polyclonal Antibody; CASR Polyclonal Antibody; Ca sensing receptor; Ca²⁺ sensing receptor 1; Ca²⁺ sensing receptor; Calcium sensing receptor; CAR; CaSR; EIG8; Extracellular calcium sensing receptor; Extracellular calcium sensing receptor [Precursor]; Extracellular calcium-sensing receptor; FHH; FIH; GPRC2A; HHC; HHC1; Hypocalciuric hypercalcemia 1; Hypocalciuric hypercalcemia 1 severe neonatal hyperparathyroidism; MGC138441; NSHPT; Parathyroid Ca(2+) sensing receptor 1; Parathyroid Cell calcium sensing receptor; Parathyroid Cell calcium-sensing receptor; PCAR 1; PCaR1; anti-CASR antibody

PRODUCT SPECIFICATIONS

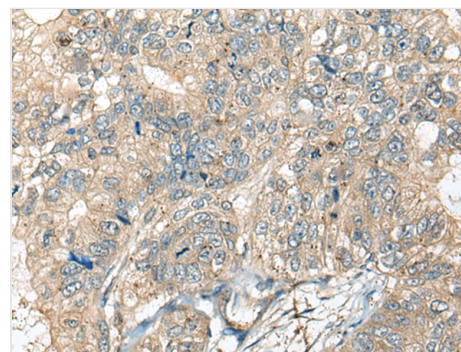
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	1078
Applicable Applications for anti-CASR antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human CASR
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CASR Polyclonal Antibody at dilution of 1:60(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CASR Polyclonal Antibody at dilution of 1:60(×200

ADDITIONAL INFORMATION

Related Product Information for anti-CASR antibody	CASR (Calcium Sensing Receptor) is a Protein Coding gene. Diseases associated with CASR include Hypocalcemia, Autosomal Dominant and Hyperparathyroidism, Neonatal. Among its related pathways are Proton Pump Inhibitor Pathway, Pharmacodynamics and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and protein kinase binding. An important paralog of this gene is GPRC6A.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.
Product Categories/Family for anti-CASR antibody	Cancer; Metabolism; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	37577159
NCBI GeneID	846
NCBI Accession #	NP_000379.2; BC112236
NCBI GenBank Nucleotide #	NP_000379.2
UniProt Accession #	P41180
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	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://www.aaabiotech.com/polyclonal/casr-antibody-immunohistochemistry-elisa/175265>