

Rabbit CASR/Calcium Sensing Receptor Polyclonal Antibody | anti-CASR antibody

Rabbit Polyclonal to Human CASR/Calcium Sensing Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52132	Rabbit	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

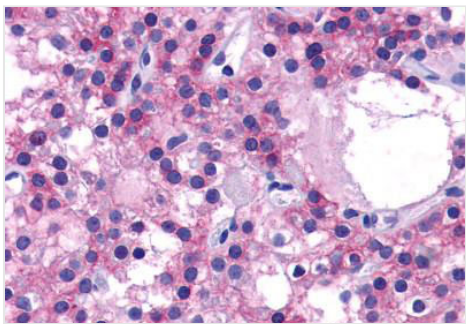
PRODUCT SYNONYMS

CASR/Calcium Sensing Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human CASR/Calcium Sensing Receptor; Anti-CASR/Calcium Sensing Receptor Antibody (N-Terminus) IHC-plus; CASR; Ca sensing receptor; Ca²⁺ sensing receptor; Calcium-sensing receptor; FIH; EIG8; GPRC2A; HHC; HHC1; Hypocalciuric hypercalcemia 1; PCAR1; NSHPT; CAR; FHH; Human CASR/Calcium Sensing Receptor; anti-CASR antibody

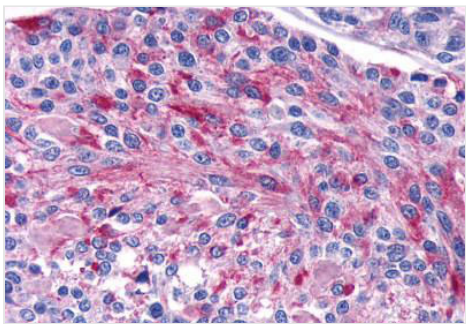
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CASR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1078
Applicable Applications for anti-CASR antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from N-terminal extracellular domain of human CASR. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon, Monkey, Marmoset (95%); Dog, Panda, Horse, Pig (85%)
Immunogen Type	Synthetic peptide
Immunogen	CASR/Calcium Sensing Receptor antibody was raised against synthetic 20 amino acid peptide from N-terminal extracellular domain of human CASR. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon, Monkey, Marmoset (95%); Dog, Panda, Horse, Pig (85%); Bovine, Hamster, Elephant (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

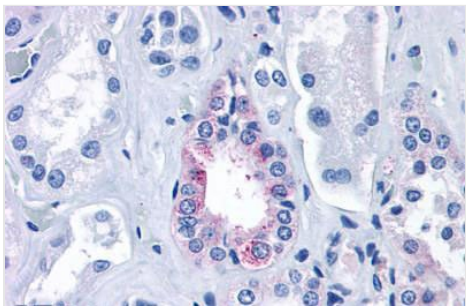
IMAGES



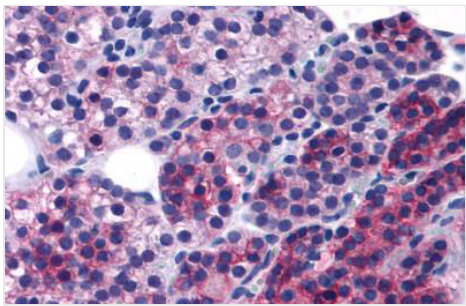
IHC (Immunohistochemistry)
Anti-CASR/Calcium Sensing Receptor antibody IHC of human Parathyroid, Adenoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CASR/Calcium Sensing Receptor antibody IHC of human Thyroid, Medullary Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CASR/Calcium Sensing Receptor antibody IHC of human kidney, diabetes.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CASR antibody IHC of human parathyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CASR antibody	CASR, a Calcium-Sensing Receptor, functions as a sensor in parathyroid and kidney to determine extracellular calcium concentration and to maintain calcium homeostasis. This receptor regulates both secretion of parathyroid hormone and excretion of urinary calcium. Mutations that inactivate CASR cause familial hypocalciuric hypercalcemia, which is also correlated with hyperparathyroidism. On the other hand, mutations that activate CASR cause autosomal dominant hypocalcemia. Hjalms et al.
Product Categories/Family for anti-CASR antibody	Family: GPCR; Subfamily: Calcium-sensing

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	121,772 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; GPRC2A; HYPOC1

NCBI Protein Information	extracellular calcium-sensing receptor; parathyroid Ca(2+)-sensing receptor 1; parathyroid cell calcium-sensing receptor 1
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/casr-calcium-sensing-receptor-antibody-immunohistochemistry-elisa/52132>