

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

CASR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310315	Rabbit	Human	Immunohistochemistry, Western Blot

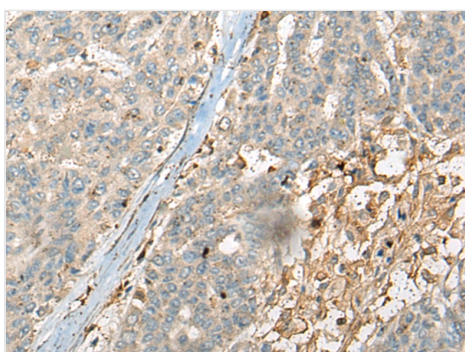
PRODUCT SYNONYMS

CASR; Polyclonal Antibody; CASR Antibody; CAR; FHH; FIH; HHC; EIG8; HHC1; NSHPT; PCAR1; GPRC2A; HYPOC1; anti-CASR antibody

PRODUCT SPECIFICATIONS

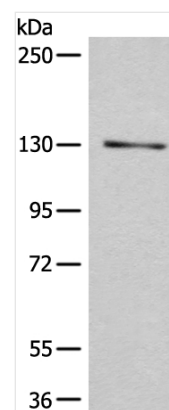
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CASR protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	3335
Applicable Applications for anti-CASR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human CASR
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46408(CASR Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE lysate: 40 μg/lane, Lane: HeLa cell lysate, Primary antibody: 46408(CASR Antibody) at dilution 1/450 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes

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.
Product Categories/Family for anti-CASR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	85567660
NCBI GeneID	846
UniProt Accession #	P41180; Q13912; Q16108; Q16109; Q16110; Q16379; Q2M1T0; Q4PJ19
Molecular Weight	121 kDa
NCBI Official Full Name	Homo sapiens calcium-sensing receptor, mRNA
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/polyclonal/casr-antibody-immunohistochemistry-western-blot-elisa/310315>