

ARG46068 anti-CaSR / Calcium Sensing Receptor antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CaSR / Calcium Sensing Receptor
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CaSR / Calcium Sensing Receptor
Species	Human
Immunogen	A 15 amino acid synthetic peptide within the first 50 amino acids of human CaSR / Calcium Sensing Receptor.
Conjugation	Un-conjugated
Alternate Names	CASR; Extracellular calcium-sensing receptor; EIG8; FHH; PCaR1; CAR; HHC1; GPRC2A; Parathyroid cell calcium-sensing receptor 1; HHC; PCAR1; CaSR; HYPOC1; FIH; NSHPT

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	115,125 kDa	

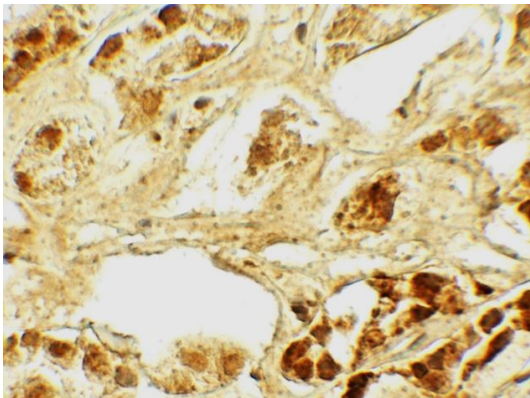
Properties

Purification	Affinity chromatography purified
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

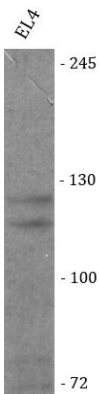
Gene Symbol	CASR
Gene Full Name	calcium-sensing receptor
Background	The calcium sensing receptor (CaSR) has been shown to play a major role in regulating parathyroid hormone secretion and subsequently influencing the calcium concentration of extracellular fluids. Several disorders of calcium homeostasis have been linked to mutations in the CaSR. These include familial hypocalciuric hypercalcemia (FHH), neonatal severe hyperparathyroidism (NSHPT), and autosomal dominant hypocalcemia (ADHypo).
Calculated Mw	101,120 kDa
PTM	N-glycosylated. Ubiquitinated by RNF19A; which induces proteasomal degradation.
Cellular Localization	Cytoplasm, Membrane

Images



ARG46068 anti-CaSR / Calcium Sensing Receptor antibody IHC-P image

Immunohistochemistry: Human kidney stained with ARG46068 anti-CaSR / Calcium Sensing Receptor antibody.



ARG46068 anti-CaSR / Calcium Sensing Receptor antibody WB image

Western blot: EL4 stained with ARG46068 anti-CaSR / Calcium Sensing Receptor antibody.