



# Rabbit Anti-Rat CASR polyclonal antibody (CABT-L1709)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody may react with (Predicted by homology) : Bovine, Mouse, Rat
<b>Target</b>	CASR
<b>Immunogen</b>	Synthetic peptide from N-terminus of rat calcium sensing receptor.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunoaffinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Molecular Weight</b>	120 kDa
<b>Cellular Localization</b>	Cytoplasm
<b>Positive Control</b>	Placenta
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, pH 7.6
<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

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## BACKGROUND

### Introduction

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) .

### Keywords

CASR;calcium-sensing receptor;CAR;FHH;FIH;HHC;EIG8;HHC1;NSHPT;PCAR1;GPRC2A;HYPOC1;extracellular calcium-sensing receptor;parathyroid Ca (2+) -sensing receptor 1;parathyroid cell calcium-sensing receptor 1

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## GENE INFORMATION

### Entrez Gene ID

[846](#)

### UniProt ID

[P48442](#)

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