

Datasheet for ABIN7440848
anti-CASR antibody (AA 863-1079)

2 Images

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Overview

Quantity:	100 µL
Target:	CASR
Binding Specificity:	AA 863-1079
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Calcium Sensing Receptor (CASR)
Immunogen:	Recombinant Calcium Sensing Receptor (CASR) corresponding to Lys863~Ser1079 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CASR. It has been selected for its ability to recognize CASR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

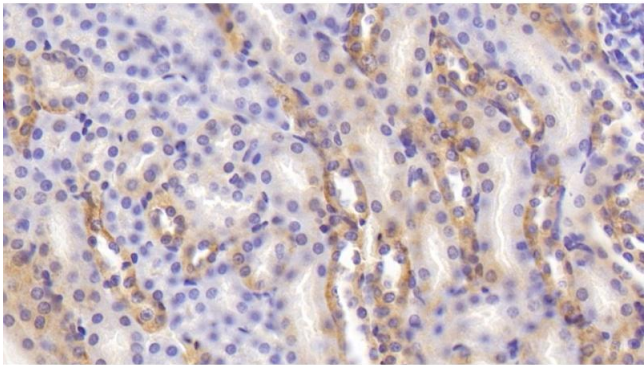
Target:	CASR
Alternative Name:	Calcium Sensing Receptor (CASR Products)
Background:	CAR, FHH, FIH, GPRC2A, HHC, HHC1, NSHPT, PCAR1, Parathyroid cell calcium-sensing receptor 1, Hypocalciuric Hypercalcemia 1, Severe Neonatal Hyperparathyroidism
Pathways:	Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

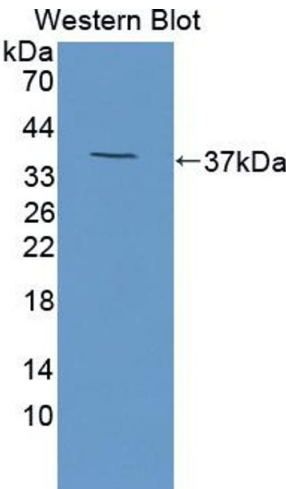
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of CASR in Mouse Kidney Tissue using Polyclonal Antibody to Calcium Sensing Receptor (CASR)



Western Blotting

Image 2. Detection of Recombinant CASR, Mouse using Polyclonal Antibody to Calcium Sensing Receptor (CASR)