

# HCAR1 Rabbit pAb

Catalog No.: A20321 **3 Publications**

## Basic Information

### Observed MW

39kDa

### Calculated MW

39kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

G protein-coupled receptors (GPCRs, or GPRs), such as GPR81, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

27198

### Swiss Prot

Q9BXC0

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 250-346 of human HCAR1 (NP\_115943.1).

### Synonyms

HCA1; GPR81; LACR1; FKSG80; GPR104; TAGPCR; TA-GPCR; HCAR1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

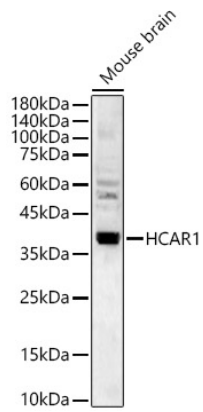
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Mouse brain, using HCAR1 Rabbit pAb (A20321) at 1:700 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.