

# GPR109A/HM74A/HCAR2 Rabbit pAb

Catalog No.: A15611 5 Publications

## Basic Information

### Observed MW

42 kDa

### Calculated MW

42 kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

Predicted to enable nicotinic acid receptor activity. Involved in neutrophil apoptotic process and positive regulation of neutrophil apoptotic process. Located in cell junction and plasma membrane.

## Recommended Dilutions

WB	1:400 - 1:5000
IF/ICC	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

### Gene ID

338442

### Swiss Prot

Q8TDS4

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

HCA2; HM74a; HM74b; PUMAG; NIACR1; Puma-g; GPR109A; GPR109A/HM74A/HCAR2

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

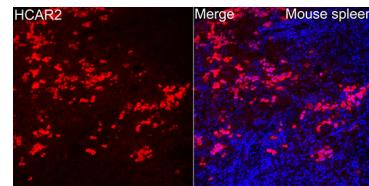
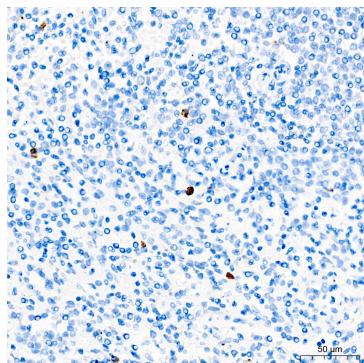
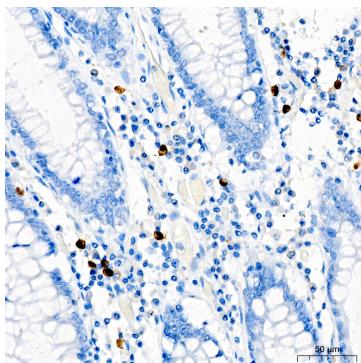
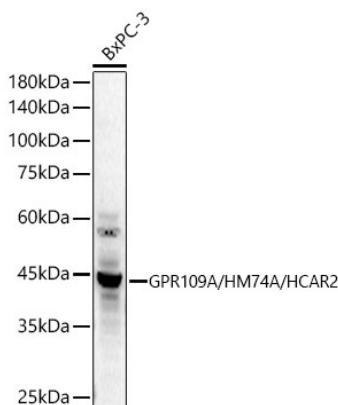
Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

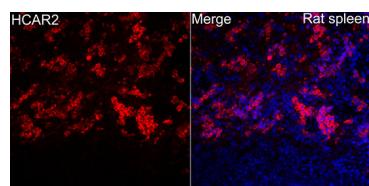
## Validation Data



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunofluorescence analysis of mouse spleen cells using GPR109A/HM74A/HCAR2 Rabbit pAb (A15611) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Antibody | Protein | ELISA Kits | Enzyme | NGS | Service

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## Validation Data

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pH 6.0 before commencing with IF staining protocol. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.