

## Rabbit HCAR3 Polyclonal Antibody | anti-HCAR3 antibody

HCAR3 Rabbit pAb

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA281946</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

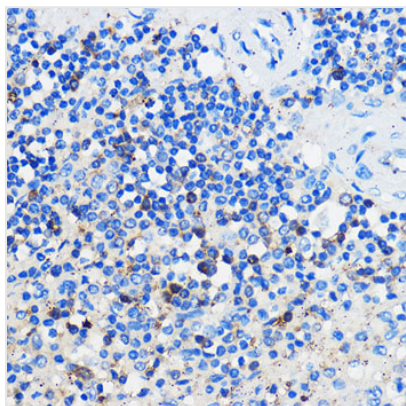
### PRODUCT SYNONYMS

HCAR3; Polyclonal Antibody; HCAR3 Rabbit pAb; GPR109B; HCA3; HM74; PUMAG; Puma-g; anti-HCAR3 antibody

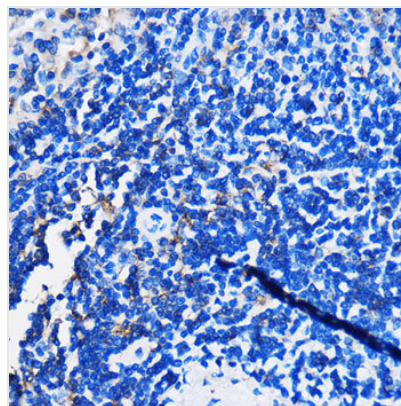
### PRODUCT SPECIFICATIONS

|                                                 |                                                   |
|-------------------------------------------------|---------------------------------------------------|
| Host                                            | Rabbit                                            |
| Reactivity                                      | Human, Mouse, Rat                                 |
| Clonality                                       | Polyclonal                                        |
| Isotype                                         | IgG                                               |
| Purity/Purification                             | Affinity purification                             |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-HCAR3 antibody | IHC (Immunohistochemistry), WB (Western Blot)     |
| Immunogen                                       | Recombinant protein of human HCAR3.               |
| Positive Samples                                | Rat pancreas                                      |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.  |

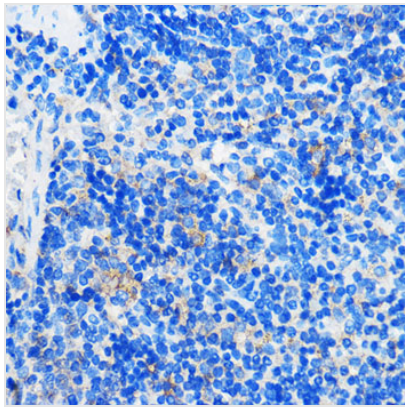
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human spleen using HCAR3 Rabbit pAb at dilution of 1:100 (40x lens).

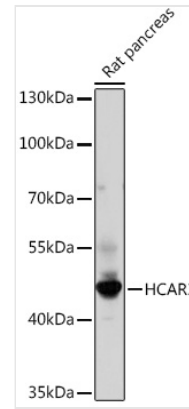

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Rat spleen using HCAR3 Rabbit pAb at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse spleen using HCAR3 Rabbit pAb at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of Rat pancreas, using HCAR3 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 120s.

## ADDITIONAL INFORMATION

Product Categories/Family for anti-HCAR3 antibody

Signal Transduction; G protein signaling; G-Protein-Coupled Receptors(GPCR)

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 157738694                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 8843                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_006009.2                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_006018.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P49019; Q8NGE4; A8K4G5; B2R830; E9PI97                                                                                                                                                                                                                          |
| Molecular Weight                 | 44,478 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | hydroxycarboxylic acid receptor 3                                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | hydroxycarboxylic acid receptor 3                                                                                                                                                                                                                               |
| NCBI Official Symbol             | HCAR3                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | HCA3; HM74; PUMAG; Puma-g; GPR109B                                                                                                                                                                                                                              |
| NCBI Protein Information         | hydroxycarboxylic acid receptor 3; niacin receptor 2; GTP-binding protein; nicotinic acid receptor 2; putative chemokine receptor; G protein-coupled receptor 109B; G-protein coupled receptor 109B; G-protein coupled receptor HM74; G-protein coupled recepto |
| UniProt Protein Name             | Hydroxycarboxylic acid receptor 3                                                                                                                                                                                                                               |
| UniProt Gene Name                | <b>HCAR3</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | GPR109B; HCA3; HM74B; NIACR2                                                                                                                                                                                                                                    |
| UniProt Entry Name               | HCAR3_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hcar3-antibody-immunohistochemistry-western-blot-elisa/281946>