

## Rabbit anti-Human GPR27 Polyclonal Antibody | anti-GPR27 antibody

GPR27 Antibody

|                               |                       |                            |                                                                        |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|
| CATALOG #<br><b>AAA235507</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|

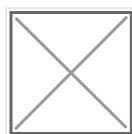
### PRODUCT SYNONYMS

GPR27; Polyclonal Antibody; GPR27 Antibody; Probable G-protein coupled receptor 27; Super conserved receptor expressed in brain 1; SREB1; anti-GPR27 antibody

### PRODUCT SPECIFICATIONS

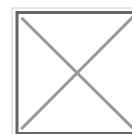
|                                                 |                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                       |
| Reactivity                                      | Human                                                                        |
| Clonality                                       | Polyclonal                                                                   |
| Isotype                                         | IgG                                                                          |
| Purity/Purification                             | >95%<br>Protein G Purified                                                   |
| Form/Format                                     | Liquid                                                                       |
| Sequence Length                                 | 375                                                                          |
| Applicable Applications for anti-GPR27 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                   |
| Immunogen Species                               | Human                                                                        |
| Immunogen                                       | Recombinant Human Probable G-protein coupled receptor 27 protein (203-285AA) |
| Conjugate                                       | Non-Conjugated                                                               |
| Preservative                                    | 0.03% Proclin 300                                                            |
| Constituents                                    | 50% Glycerol, 0.01M PBS, pH 7.4                                              |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.  |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with CSB-PA885717LA01HU at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### IHC (Immunohistochemistry)

IHC image of CSB-PA885717LA01HU diluted at 1:400 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-GPR27 antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 9506747                                |
| NCBI GeneID                      | 2850                                   |
| NCBI Accession #                 | NP_061844.1                            |
| NCBI GenBank Nucleotide #        | NM_018971.2                            |
| UniProt Accession #              | Q9NS67                                 |
| Molecular Weight                 | 39,818 Da                              |
| NCBI Official Full Name          | probable G-protein coupled receptor 27 |
| NCBI Official Synonym Full Names | G protein-coupled receptor 27          |
| NCBI Official Symbol             | GPR27                                  |
| NCBI Official Synonym Symbols    | SREB1                                  |
| NCBI Protein Information         | probable G-protein coupled receptor 27 |
| UniProt Protein Name             | Probable G-protein coupled receptor 27 |
| UniProt Gene Name                | GPR27                                  |
| UniProt Synonym Gene Names       | SREB1                                  |

**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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