

## Rabbit anti-Human SGPP1 Polyclonal Antibody | anti-SGPP1 antibody

Anti-SGPP1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA265509 | Rabbit | Human      | Immunohistochemistry, Western Blot |

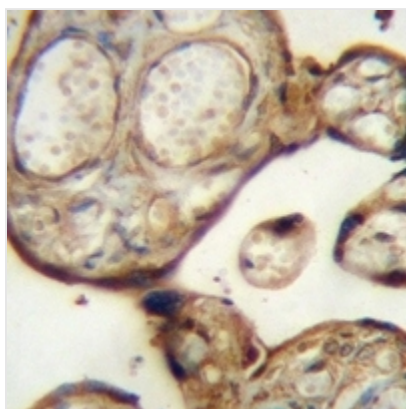
### PRODUCT SYNONYMS

SGPP1; Polyclonal Antibody; Anti-SGPP1 Antibody; anti-SGPP1 antibody

### PRODUCT SPECIFICATIONS

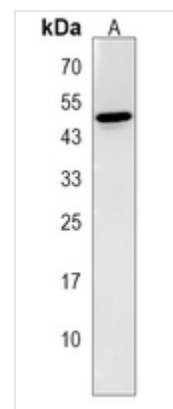
|                                                 |                                                                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                   |
| Reactivity                                      | Human                                                                                                                                    |
| Clonality                                       | Polyclonal                                                                                                                               |
| Specificity                                     | Recognizes endogenous levels of SGPP1 protein.                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                          |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.                                 |
| Applicable Applications for anti-SGPP1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                            |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human SGPP1. The exact sequence is proprietary. |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of SGPP1 staining in human placenta formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of SGPP1 expression in human placenta (A) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 49 kD)

ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-SGPP1 antibody | Rabbit polyclonal antibody to SGPP1 |
| Product Categories/Family for anti-SGPP1 antibody   | Primary Antibodies                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| NCBI GI #                        | 13540569                                                                                  |
| NCBI GeneID                      | 81537                                                                                     |
| NCBI Accession #                 | NP_110418.1                                                                               |
| NCBI GenBank Nucleotide #        | NM_030791.2                                                                               |
| UniProt Accession #              | Q9BX95; Q9H189; B2RAH0                                                                    |
| Molecular Weight                 | 49,108 Da                                                                                 |
| NCBI Official Full Name          | sphingosine-1-phosphate phosphatase 1                                                     |
| NCBI Official Synonym Full Names | sphingosine-1-phosphate phosphatase 1                                                     |
| NCBI Official Symbol             | SGPP1                                                                                     |
| NCBI Official Synonym Symbols    | SPPase1                                                                                   |
| NCBI Protein Information         | sphingosine-1-phosphate phosphatase 1; spp1; hSPP1; hSPPase1; sphingosine-1-phosphatase 1 |
| UniProt Protein Name             | Sphingosine-1-phosphate phosphatase 1                                                     |
| UniProt Gene Name                | SGPP1                                                                                     |
| UniProt Synonym Gene Names       | SPPase1; Spp1; hSPP1; hSPPase1                                                            |
| UniProt Entry Name               | SGPP1_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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