

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

SGPP1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285686	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

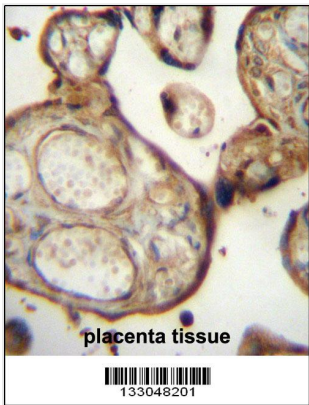
PRODUCT SYNONYMS

SGPP1; Polyclonal Antibody; SGPP1 Antibody (N-term); Sphingosine-1-phosphate phosphatase 1; SPPase1; Spp1; hSPP1; hSPPase1; 313-; Sphingosine-1-phosphatase 1; anti-SGPP1 antibody

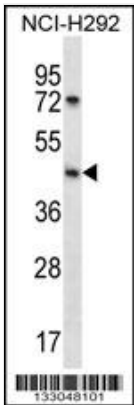
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SGPP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-42 amino acids from the N-terminal region of human SGPP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	13-42
Sequence Length	441
Applicable Applications for anti-SGPP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
SGPP1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SGPP1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SGPP1 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the SGPP1 antibody detected the SGPP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SGPP1 antibody	Sphingosine-1-phosphate (S1P) is a bioactive sphingolipid metabolite that regulates diverse biologic processes. SGPP1 catalyzes the degradation of S1P via salvage and recycling of sphingosine into long-chain ceramides (Mandala et al., 2000 [PubMed 10859351]; Le Stunff et al., 2007 [PubMed 17895250]).[supplied by OMIM].
Product Categories/Family for anti-SGPP1 antibody	Cell Biology
References	Hicks, A.A., et al. PLoS Genet. 5 (10), E1000672 (2009) : Le Stunff, H., et al. J. Biol. Chem. 282(47):34372-34380(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Giussani, P., et al. Mol. Cell. Biol. 26(13):5055-5069(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540569
NCBI GeneID	81537
NCBI Accession #	NP_110418.1
NCBI GenBank Nucleotide #	NM_030791.3
UniProt Accession #	Q9BX95; Q9H189; B2RAH0
Molecular Weight	49108
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
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sgpp1-antibody-immunohistochemistry-western-blot-elisa/285686>