

Rabbit anti-Human SGPP1 Polyclonal Antibody | anti-Sgpp1 antibody

SGPP1, NT (SGPP1, Sphingosine-1-phosphate phosphatase 1, Sphingosine-1-phosphatase 1)

CATALOG # AAA24046	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
------------------------------	-----------------------	----------------------------	--

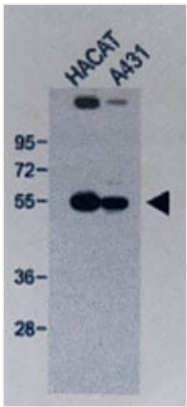
PRODUCT SYNONYMS

SGPP1; Polyclonal Antibody; NT (SGPP1; Sphingosine-1-phosphate phosphatase 1; Sphingosine-1-phosphatase 1); Anti -SGPP1; anti-Sgpp1 antibody

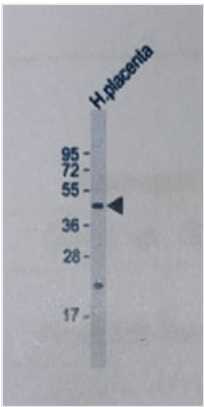
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human SGPP1
Purity/Purification	Affinity Purified Purified by Protein A and peptide affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Concentration	0.47 mg/mL (varies by lot)
Applicable Applications for anti-Sgpp1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000 IHC (FFPE): 1:10-50 IHC (FFPE, Leica):1:500 Requires HIER using EDTA buffer , pH9.0 prior to staining Optimal dilutions/concentrations should be determined by the end user.
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 13-42 in the N-terminal region of human SGPP1.
Preparation and Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



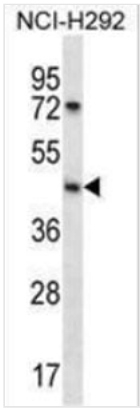
WB (Western Blot)
Western Blot analysis using AAA24046 (1:1000) Lane 1: HACAT whole cell lysate Lane 2: A431 whole cell lysate Lysate proteins: 20 ug/lane. Secondary IgG (H+L) (HRP) goat anti-rabbit (1:10000). Predicted band size: 49 kD Blocking/Dilution buffer: 5% NFD/MTBST



WB (Western Blot)
Western Blot analysis of human placenta lysate (:20ug/lane) using AAA24046 (1:1000) Secondary IgG (H+L) (HRP) goat anti-rabbit (1:10000). Predicted band size: 49 kD Blocking/Dilution buffer: 5% NFD/MTBST



IHC (Immunohistochemistry)
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	Antibodies; Abs to Enzymes; Phosphatase

NCBI AND UNIPROT INFORMATION

NCBI GI #	13507712
NCBI GeneID	81535
NCBI Accession #	NP_110418.1
NCBI GenBank Nucleotide #	NM_030750.3
UniProt Accession #	Q9BX95; Q9JI99
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	SPP; SPP1; Spph1; AI463453
NCBI Protein Information	sphingosine-1-phosphate phosphatase 1; SPPase1; sphingosine-1-phosphatase 1
UniProt Protein Name	Sphingosine-1-phosphate phosphatase 1
UniProt Gene Name	Sgpp1
UniProt Synonym Gene Names	Spp1; Spph1; SPP; SPPase1; mSPP1
UniProt Entry Name	SGPP1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sgpp1-antibody-western-blot-immunohistochemistry-elisa/24046>