

Rabbit anti-Human SGPL1 Polyclonal Antibody | anti-SGPL1 antibody

SGPL1 Antibody (N-term)

CATALOG # AAA288845	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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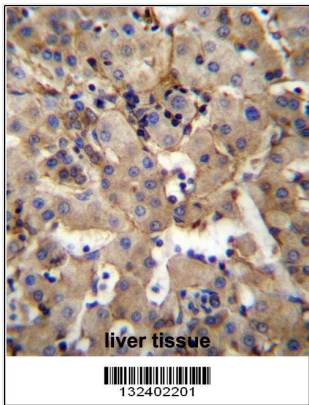
PRODUCT SYNONYMS

SGPL1; Polyclonal Antibody; SGPL1 Antibody (N-term); Sphingosine-1-phosphate lyase 1; S1PL; SP-lyase 1; SPL 1; hSPL; Sphingosine-1-phosphate aldolase; KIAA1252; anti-SGPL1 antibody

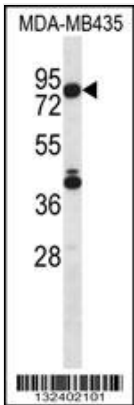
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SGPL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human SGPL1.
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	72-101
Sequence Length	568
Applicable Applications for anti-SGPL1 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)
SGPL1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SGPL1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SGPL1 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the SGPL1 antibody detected the SGPL1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SGPL1 antibody	SGPL1 cleaves phosphorylated sphingoid bases (PSBs), such as sphingosine-1-phosphate, into fatty aldehydes and phosphoethanolamine. Elevates stress-induced ceramide production and apoptosis.
Product Categories/Family for anti-SGPL1 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Seo, Y.J., et al. J. Virol. 84(16):8124-8131(2010) Vogel, P., et al. PLoS ONE 4 (1), E4112 (2009) : Peest, U., et al. J. Cell. Biochem. 104(3):756-772(2008) Morgan, A.R., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 144B (6), 762-770 (2007) : Oskouian, B., et al. Proc. Natl. Acad. Sci. U.S.A. 103(46):17384-17389(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982936
NCBI GeneID	8879
NCBI Accession #	NP_003892.2
NCBI GenBank Nucleotide #	NM_003901.3
UniProt Accession #	O95470; Q7Z732; Q9ULG8; Q9UN89; B2RBD4
Molecular Weight	63524
NCBI Official Full Name	sphingosine-1-phosphate lyase 1
NCBI Official Synonym Full Names	sphingosine-1-phosphate lyase 1
NCBI Official Symbol	SGPL1
NCBI Official Synonym Symbols	SPL; S1PL
NCBI Protein Information	sphingosine-1-phosphate lyase 1
UniProt Protein Name	Sphingosine-1-phosphate lyase 1
UniProt Gene Name	SGPL1
UniProt Synonym Gene Names	KIAA1252; S1PL; SP-lyase 1; SPL 1; hSPL
UniProt Entry Name	SGPL1_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/sgpl1-antibody-immunohistochemistry-western-blot-elisa/288845>