

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

SGPL1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283321	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

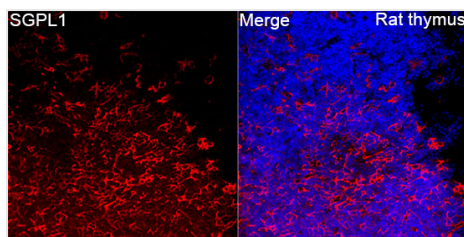
PRODUCT SYNONYMS

SGPL1; Polyclonal Antibody; SGPL1 Rabbit pAb; SPL; S1PL; NPHS14; anti-SGPL1 antibody

PRODUCT SPECIFICATIONS

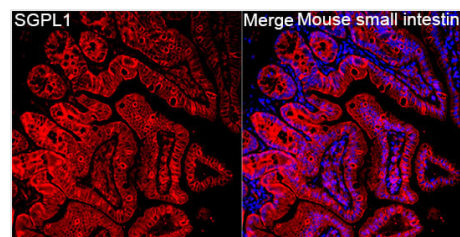
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	VAKLAVKYKI PLHVDACLGG FLIVFMEKAG YPLEHPDFDR VKGVTSISAD THKYGYAPKG SSLVLYSDKK YRNYQFFVDT DWQGGIYASP TIAGSRPGGI
Applicable Applications for anti-SGPL1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 301-400 of human SGPL1 (NP_003892.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



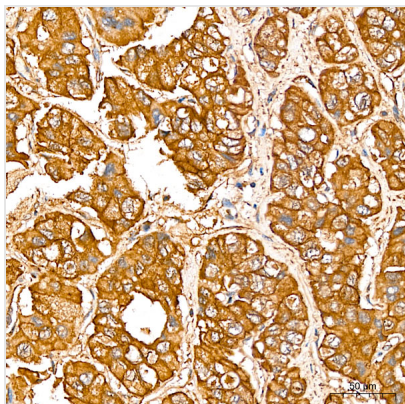
IF (Immunofluorescence)

Immunofluorescence analysis of Rat thymus tissue using SGPL1 Rabbit pAb (AAA283321) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



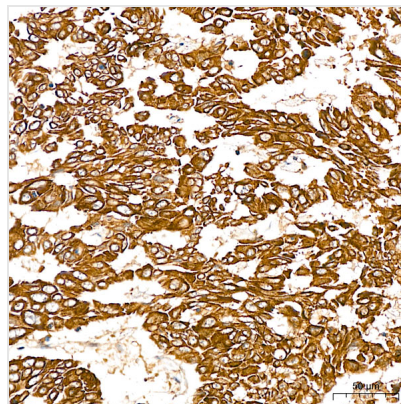
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse small intestine tissue using SGPL1 Rabbit pAb (AAA283321) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using SGPL1 Rabbit pAb (AAA283321) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using SGPL1 Rabbit pAb (AAA283321) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SGPL1 antibody	Enables sphinganine-1-phosphate aldolase activity. Involved in apoptotic signaling pathway; fatty acid metabolic process; and sphingolipid metabolic process. Located in endoplasmic reticulum. Implicated in nephrotic syndrome type 14.
Product Categories/Family for anti-SGPL1 antibody	Cancer ; Signal Transduction ; Cell Biology Developmental Biology ; Apoptosis ; Endocrine Metabolism ; Lipid Metabolism ; Cardiovascular ; Lipids ; Fatty Acids ; Antibodies

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	Calculated MW: 64kDa
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-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/283321>