

Rabbit anti-Human SPHK1 Polyclonal Antibody | anti-SPHK1 antibody

SPHK1 Rabbit pAb

CATALOG # AAA283320	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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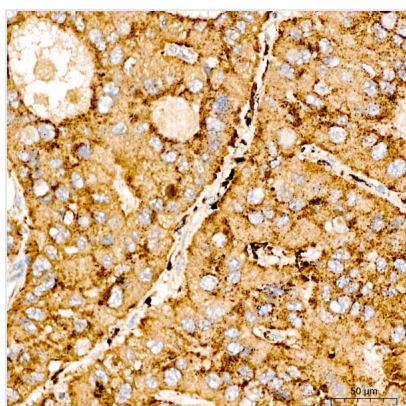
PRODUCT SYNONYMS

SPHK1; Polyclonal Antibody; SPHK1 Rabbit pAb; SPHK; anti-SPHK1 antibody

PRODUCT SPECIFICATIONS

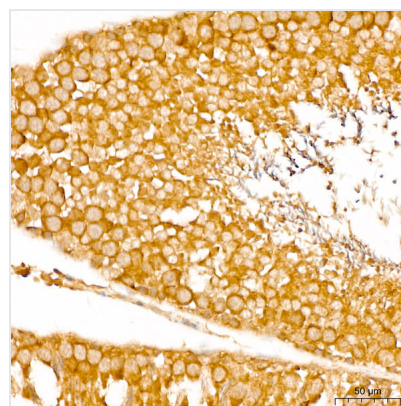
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	AALRTYRGRL AYLPVGRVGS KTPASPVVVQ QGPVDAHLVP LEEPVP SHWT VVPDEDFVLV LALLHSHLGS EMFAAPMGRC AAGVMHLFYV RAGVSRAMLL
Applicable Applications for anti-SPHK1 antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 201-300 of human SPHK1 (NP_001136074.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



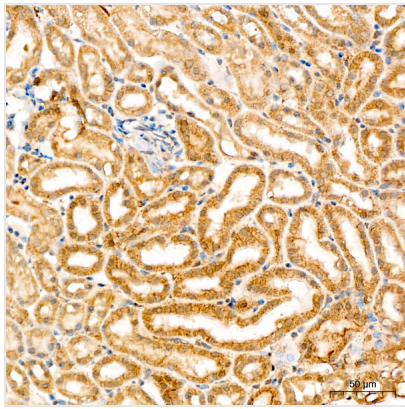
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using SPHK1 Rabbit pAb (AAA283320) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using SPHK1 Rabbit pAb (AAA283320) at a dilution of 1:500 (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 Mouse kidney tissue using SPHK1 Rabbit pAb (AAA283320) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SPHK1 antibody	The protein encoded by this gene catalyzes the phosphorylation of sphingosine to form sphingosine-1-phosphate (S1P), a lipid mediator with both intra- and extracellular functions. Intracellularly, S1P regulates proliferation and survival, and extracellularly, it is a ligand for cell surface G protein-coupled receptors. This protein, and its product S1P, play a key role in TNF-alpha signaling and the NF-kappa-B activation pathway important in inflammatory, antiapoptotic, and immune processes. Phosphorylation of this protein alters its catalytic activity and promotes its translocation to the plasma membrane. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-SPHK1 antibody	Cancer; Signal Transduction; G protein signaling; G-Protein-Coupled ReceptorsGPCR; Kinase; Cell Biology Developmental Biology; Apoptosis; Endocrine Metabolism; Lipid Metabolism; Cardiovascular; Angiogenesis; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17369329
NCBI GeneID	8877
UniProt Accession #	Q9NYA1; Q8N632; Q96GK1; Q9HD92; Q9NY70; Q9NYL3
Molecular Weight	Calculated MW: 43kDa
UniProt Protein Name	Sphingosine kinase 1
UniProt Gene Name	SPHK1
UniProt Synonym Gene Names	SPHK; SPK; SK 1; SPK 1
UniProt Entry Name	SPHK1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/polyclonal/sphk1-antibody-immunohistochemistry-elisa/283320>