

Rabbit SPHK1 Polyclonal Antibody | anti-SPHK1 antibody

SPHK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75782	Rabbit	Human, Monkey, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

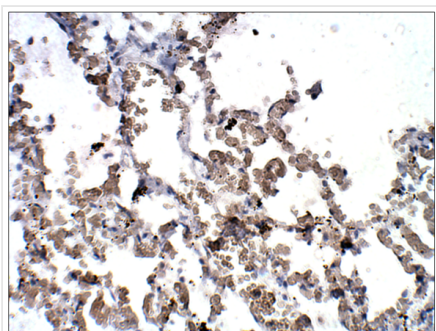
PRODUCT SYNONYMS

SPHK1; Polyclonal Antibody; SPHK1 Antibody; SK1; Sphingosine Kinase 1; SPHK 1; SPHK; SPK; SPK 1 antibody; anti-SPHK1 antibody

PRODUCT SPECIFICATIONS

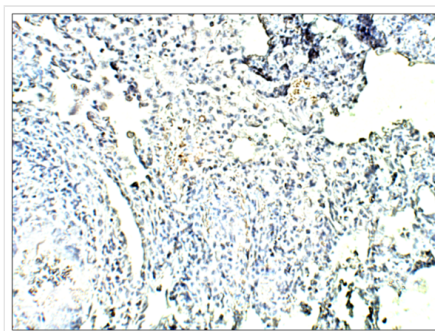
Host	Rabbit
Reactivity	Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.64-0.72 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	381
Applicable Applications for anti-SPHK1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 50-100 on human SPHK1 protein.
Molecular Function	ATP binding, calmodulin binding, DNA binding, magnesium ion binding, NAD+kinase activity, sphinganine kinase activity
Subcellular Location	Cytoplasm, Nucleus, cell membrane
Preparation and Storage	-20• degree C for long term storage

IMAGES



Baboon Lung- Sphk1
Primary Antibody: 1:100 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification on Leica DM4000B. FFPE section.

IHC (Immunohistochemistry)



Baboon Lung- Sphk1
Primary Antibody: 1:100 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
20X magnification on Leica DM4000B. FFPE section.

IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-SPHK1 antibody	Affinity Purified Sphingosine kinase 1 Antibody Catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (SPP), a lipid mediator with both intra- and extracellular functions. Also acts on D-erythro-sphingosine and to a lesser extent sphinganine, but not other lipids, such as D, L-threo-dihydrosphingosine, N, N-dimethylsphingosine, diacylglycerol, ceramide, or phosphatidylinositol.
Product Categories/Family for anti-SPHK1 antibody	Primary Antibodies; Cell Biology; Lipids; SPHK1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	123261919
UniProt Accession #	Q8CI15; O88886; Q3U2E3; Q91ZN3
Molecular Weight	42,344 Da
UniProt Protein Name	Sphingosine kinase 1
UniProt Gene Name	Sphk1
UniProt Synonym Gene Names	SK 1; SPK 1
UniProt Entry Name	SPHK1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sphk1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75782>