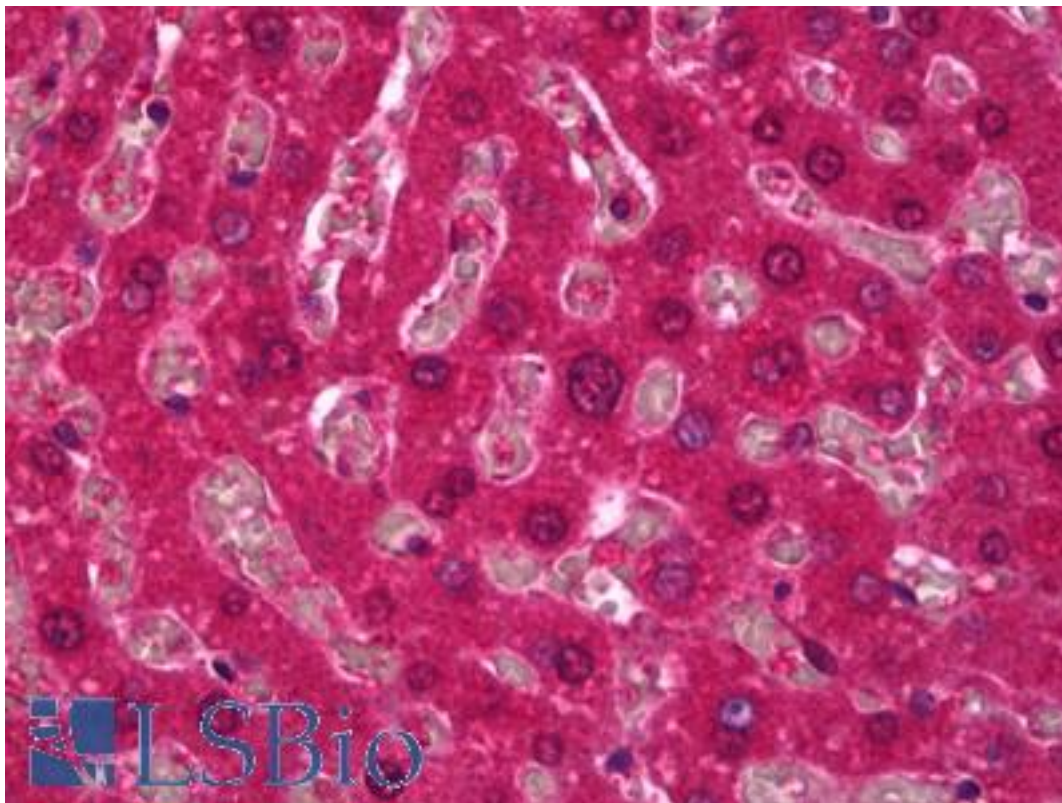


SPHK / SPHK1 Rabbit anti-Human Polyclonal Antibody - LS-B6973 - LSBio

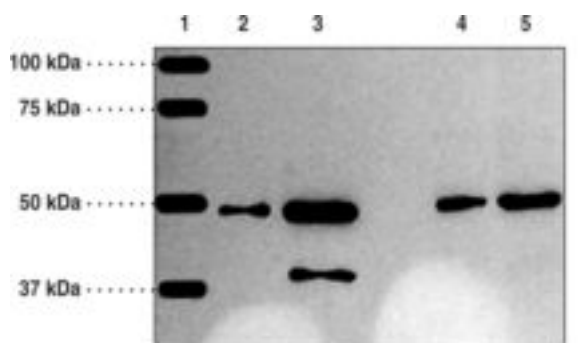
<b>CatalogID:</b>	LS-B6973
<b>Validation:</b>	This antibody replaces catalog number LS-C146686. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	sphingosine kinase 1 (SPHK1)
<b>Synonyms:</b>	SPHK1 Antibody, SK1 Antibody, Sphingosine kinase 1 Antibody, SPHK Antibody, SK 1 Antibody, SPK 1 Antibody, Sphingosine kinase type 1 Antibody, SPK Antibody
<b>Family / Subfamily:</b>	Non-protein Kinase / Sphingosine
<b>Host</b>	SPHK1 antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Isotype:</b>	IgG
<b>Immunogen Species:</b>	SPHK / SPHK1 antibody was raised against Human
<b>Immunogen:</b>	SPHK / SPHK1 antibody was raised against human sphingosine kinase 1 (SPHK 1) amino acids 264-274 (DLESEKYRRLG). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Hamster, Elephant (100%); Rat, Dog, Bovine, Panda, Rabbit, Platypus (91%); Bat, Horse, Pig, Opossum, Turkey, Chicken, Seq squirt, Sea anemone, Slime mold, Nematode (82%).
<b>Reactivity:</b>	Human, Gorilla, Gibbon, Monkey, Mouse, Hamster
<b>Predicted Reactivity:</b>	Rat, Bovine, Dog, Rabbit
<b>Purification:</b>	Affinity purified
<b>Reconstitution:</b>	500 ul sterile water. Possible additional volumes for resuspension: 500 µl
<b>Presentation:</b>	TBS, pH 7.4
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), ICC (1:80), Western blot (1:200) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	500 µl
<b>Concentration:</b>	0.7 mg/ml (after resuspension)

**Immunohistochemistry Image:**



Anti-SPHK1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6973 concentration 5 ug/ml.

**Western Blot Image:**



Lane 1: Precision Plus Protein Standard  
Lane 2: SPHK 1 transfected cell lysates (10 µg)  
Lane 3: SPHK 1 transfected cell lysates (20 µg)  
Lane 4: Mouse heart homogenate (25 µg)  
Lane 5: Mouse heart homogenate (50 µg)

Western blot of SPHK / SPHK1 antibody LS-B6973.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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