

Rabbit anti-Human SPHK2 Polyclonal Antibody | anti-SPHK2 antibody

SPHK2 Antibody (N-term)

CATALOG # AAA287258	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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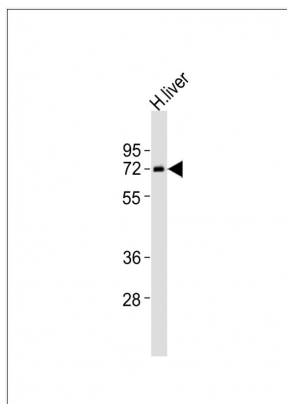
PRODUCT SYNONYMS

SPHK2; Polyclonal Antibody; SPHK2 Antibody (N-term); Sphingosine kinase 2; SK 2; SPK 2; anti-SPHK2 antibody

PRODUCT SPECIFICATIONS

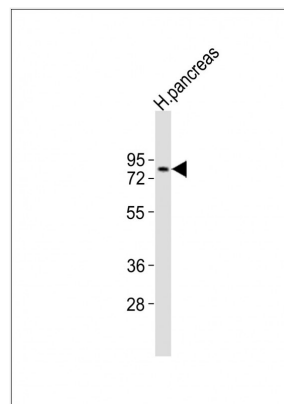
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SPHK2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 52-84 amino acids from the N-terminal region of human SPHK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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 Length	761
Applicable Applications for anti-SPHK2 antibody	ELISA, WB (Western Blot)
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



WB (Western Blot)

Anti-SPHK2 Antibody (N-term) at 1:2000 dilution + human liver lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-SPHK2 Antibody (N-term) at 1:1000 dilution + human pancreas lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SPHK2 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- dihydrosphingosine, D-erythro-sphingosine and L-threo- dihydrosphingosine. Binds phosphoinositides.
References	Liu H.,et al.J. Biol. Chem. 275:19513-19520(2000). Alemany R.,et al.Submitted (NOV-2006) to the EMBL/GenBank/DDBJ databases. Wiemann S.,et al.Genome Res. 11:422-435(2001). Ota T.,et al.Nat. Genet. 36:40-45(2004). Grimwood J.,et al.Nature 428:529-535(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	323462183
NCBI GeneID	56848
NCBI Accession #	NP_001191087.1
NCBI GenBank Nucleotide #	NM_001204158.2
UniProt Accession #	Q9NRA0; Q9BRN1; Q9H0Q2; Q9NWU7; A0T4C8; B4DU87
Molecular Weight	69217
NCBI Official Full Name	sphingosine kinase 2 isoform b
NCBI Official Synonym Full Names	sphingosine kinase 2
NCBI Official Symbol	SPHK2
NCBI Official Synonym Symbols	SK 2; SK-2; SPK 2; SPK-2
NCBI Protein Information	sphingosine kinase 2
UniProt Protein Name	Sphingosine kinase 2
UniProt Gene Name	SPHK2
UniProt Synonym Gene Names	SK 2; SPK 2
UniProt Entry Name	SPHK2_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.