

SPHK2 polyclonal antibody

Catalog # PAB2803 Size 200 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SPHK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human SPHK2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

Gene Info — SPHK2

Entrez GeneID [56848](#)

Protein Accession#	Q9NRA0
Gene Name	SPHK2
Gene Alias	-
Gene Description	sphingosine kinase 2
Omim ID	607092
Gene Ontology	Hyperlink
Other Designations	sphingosine kinase type 2 isoform

Publication Reference

- [Sphingosine kinase mediates vascular endothelial growth factor-induced activation of ras and mitogen-activated protein kinases.](#)
Shu X, Wu W, Mosteller RD, Broek D.
Molecular and Cellular Biology 2002 Nov; 22(22):7758.
- [Sphingosine kinase interacts with TRAF2 and dissects tumor necrosis factor-alpha signaling.](#)
Xia P, Wang L, Moretti PA, Albanese N, Chai F, Pitson SM, D'Andrea RJ, Gamble JR, Vadas MA.
The Journal of Biological Chemistry 2002 Mar; 277(10):7996.
- [Molecular cloning and functional characterization of a novel mammalian sphingosine kinase type 2 isoform.](#)
Liu H, Sugiura M, Nava VE, Edsall LC, Kono K, Poulton S, Milstien S, Kohama T, Spiegel S.
The Journal of Biological Chemistry 2000 Jun; 275(26):19513.

Pathway

- [Calcium signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)
- [VEGF signaling pathway](#)