



Anti-SPHK1 polyclonal antibody (DPAB-DC752)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	catalyzes the conversion of sphingosine to sphingosine 1 phosphate, which plays a role in cell proliferation and differentiation [RGD, Feb 2006]
Immunogen	A synthetic peptide corresponding to rat Sphk1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB,
Format	Liquid
Size	100 µg
Buffer	In PBS (0.08% sodium azide)
Preservative	0.08% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Sphk1 sphingosine kinase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	SPHK1
Synonyms	SPHK1; sphingosine kinase 1; SK 1; SPK 1;

Entrez Gene ID	170897
Protein Refseq	NP_001257736
UniProt ID	Q91V26
Chromosome Location	10q32.3
Pathway	Calcium signaling pathway; Signal Transduction of S1P; Sphingosine degradation; VEGF signaling pathway
Function	ATP binding; D-erythro-sphingosine kinase activity; DNA binding; NAD+ kinase activity