## antibodies - online.com







## anti-SPHK2 antibody

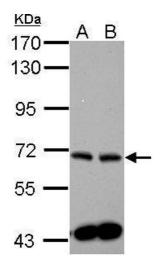




Overview	
Quantity:	100 μL
Target:	SPHK2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPHK2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
lmmunogen:	Recombinant protein encompassing a sequence within the center region of human SPHK2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to SPHK2 (sphingosine kinase 2) SPHK2 antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	SPHK2
Alternative Name:	sphingosine kinase 2 (SPHK2 Products)

## **Target Details**

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Background:	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.
Molecular Weight:	69 kDa
Gene ID:	56848
UniProt:	Q9NRA0
Pathways:	VEGF Signaling
Application Details	
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  Not tested in other applications.
Comment:	Positive Control: PC-3 , U87-MG
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



## **Western Blotting**

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: PC-3 B: U87-MG 7.5% SDS PAGE antibody diluted at 1:1000