

Anti-Sphingosine Kinase 2 (Thr-578), Phosphospecific Antibody



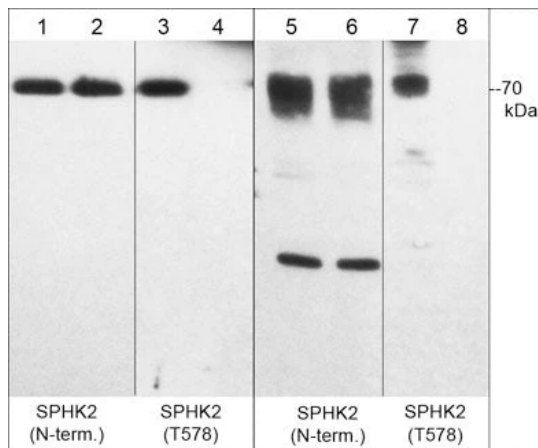
Product Details

Available Variants	100 µL (SKU:SP4631)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SPHK2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-SK2 (Thr-578) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding Thr-578 in human SK2. This peptide sequence is highly conserved in rat and mouse SK2 proteins, and is not well conserved in SK1.
Specificity	The antibody detects 70 kDa* proteins corresponding to the molecular mass of SK2 on SDS-PAGE immunoblots of human recombinant SK2 and endogenous SK2 in human HeLa cells treated with calyculin A. This reactivity is not observed after lambda phosphatase treatment.
Molecular Weight	70
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID	Q9NRA0
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr-578

Product Images



Western blot of human recombinant SK2 (lanes 1-4) and HeLa treated with calyculin A (lanes 5-8). The blots were untreated (lane 1, 3, 5 & 7) or treated with lambda phosphatase (lane 2, 4, 6 & 8), then probed with anti-SK2 (N-terminal region) (lanes 1, 2, 5 & 6) or anti-SK2 (Thr-578) (lanes 3, 4, 7, & 8).

Product Page URL: www.antibodiesinc.com/products/anti-sphingosine-kinase-2-thr-578-phosphospecific-antibody-sp4631



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