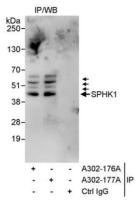
SPHK1 Antibody							
Rabbit Polyclonal							
Antigen Affinity Purified			Protein ID	NP_001136073.1)		
Catalog No.	Catalog No. A302-176A		GenelD	8877	Ē	CTUVI	
Lot No.	A302-	176A-1				BORATORIES, INC	
APPLICATIONS		IP					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		1000 μg/ml					
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to SPHK1 immobilized on solid support.					
		The epitope recognized by A302-176A maps to a region between residue 1 and 50 of human sphingosine kinase 1 using the numbering given in entry NP_001136073.1 (GeneID 8877).					
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.					
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.					
		Western Blot	Not	t recommended. Use rabbit a	nti-SPHK1 antibody	A302-177A.	
		Immunoprecip	itation 5 -	15 µg/mg lysate			
		Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).					
		· · · · · · · · · · · · · · · · · · ·	https://www.bethyl.com/product/A302–176A				
		Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB					
			protocol. http	st, , the setty teom, conten			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human SPHK1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-SPHK1 antibody A302–176A used for IP at 10 μ g/mg lysate. SPHK1 was also immunoprecipitated by rabbit anti-SPHK1 antibody A302–177A, which recognizes a downstream epitope. For blotting immunoprecipitated SPHK1, A302–177A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Note: The more slowly migrating bands are believed to represent additional forms of SPHK1 owing to recognition by multiple antibodies each of which was directed toward distinctly different epitopes on SPHK1.

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