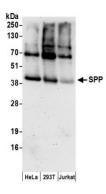
SPP Antibody						
Rabbit Polyclo	onal					
Antigen Affinity Purified		ed	Protein ID	NP_110416.1		
Catalog No. A304-404A		404A	GenelD	81502	RETHVI	
Lot No.	A304-	404A-1			LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
AMOUNT		100 μΙ				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF 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 SPP immobilized on solid support.				
		The epitope recognized by A304-404A maps to a region between residue 327 to 377 of human Signal Peptide Peptidase Like 1 using the numbering given in entry NP_110416.1 (GeneID 81502).				
		Antibody 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	1:2	,000 - 1:10,000		
		Immunoprecip	itation 2 –	10 µg/mg lysate		
APPLICATION NOTES		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).				
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.				
		https://www.bethyl.com/product/A304-404A				
		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				
AMOUNT10CONCENTRATION10STORAGE/SHELF LIFE2PHYSICAL STATELiqBUFFERTriISOTYPE190ORIGINUSAPRODUCTION PROCEDURESAnAPPLICATIONSCe expAPPLICATION NOTESWe Go cinADDITIONAL INFOMet USA		1000 µg/ml 2 - 8° C / 1 yea Liquid Tris-citrate/ph IgG USA Antibody was a The epitope rea Signal Peptide I Antibody conce equals 1.0 mg Centrifuge tube experimentally Western Blot Immunoprecip Western blot of Goat anti-Rabb (link to IP-west Western blot of https://www.ba	100 μl   1000 μg/ml   2 - 8° C / 1 year from date of receipt   Liquid   Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide   gG   JSA   Antibody was affinity purified using an epitope specific to SPP immobilized on solid support.   The epitope recognized by A304-404A maps to a region between residue 327 to 377 of human   Signal Peptide Peptidase Like 1 using the numbering given in entry NP_110416.1 (GeneID 81502).   Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4   equals 1.0 mg of IgG.   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 1:2,000 - 1:10,000   Immunoprecipitation 2 - 10 µg/mg lysate   Nestern 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).   Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.   nttps://www.bethyl.com/product/A304-404A   Jse the link above to view SDS, a current list of citations, and other product specific information.			

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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IP/WB

**Detection of human SPP by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-SPP antibody A304-404A (lot A304-404A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

## Detection of human SPP by western blot of

**immunoprecipitates.** Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-SPP antibody A304-404A (lot A304-404A-1) used for IP at 6  $\mu$ g per reaction. SPP was also immunoprecipitated by rabbit anti-SPP antibody BL16569. For blotting immunoprecipitated SPP, A304-404A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.