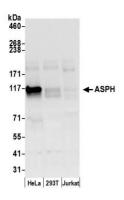
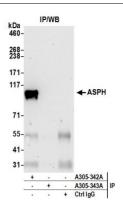
ASPH Antibody

Rabbit Polyclo	nal				Contraction of the second seco	
Antigen Affinity Purified			Protein ID	Q12797.3		
Catalog No. A305–342A		GenelD	444			
Lot No.	A305-3	342A-1			LABORATORIES, INC	
APPLICATIONS		WB, 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		Antibody was affinity purified using an epitope specific to ASPH immobilized on solid support.				
PROCEDURES		The epitope recognized by A305-342A maps to a region between residue 300 to 350 of human Aspartyl/asparaginyl beta-hydroxylase using the numbering given in entry Q12797.3 (GeneID 444).				
Antibody concentration was determin equals 1.0 mg of IgG.				letermined by extinction coefficient	absorbance at 280 nm of 1.4	
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		
		Immunoprecipi	itation 2 -	10 µg/mg lysate		
APPLICATION N	OTES	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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A305-342A				
		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				

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 ASPH by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ASPH antibody A305-342A (lot A305-342A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds. **Detection of human ASPH by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ASPH antibody A305-342A (lot A305-342A-1) used for IP at 6 µg per reaction. ASPH was also immunoprecipitated by rabbit anti-ASPH antibody A305-343A. For blotting immunoprecipitated ASPH, A305-343A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.