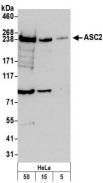
## ASC2 Antibody

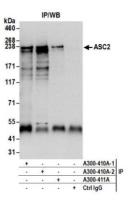
Rabbit Polyclonal						and the
Antigen Affini	ed	Protein ID	Q14686			
Catalog No. A300–410A		GenelD	23054			
Lot No.	A300-4	410A-2				LABORATORIES, INC
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat				
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 ASC2 immobilized on solid support.				
TROCEDURES		The epitope recognized by A300-410A maps to a region between residues 1050 and 1100 of human Activating Signal Cointegrator-2 using the numbering given in Swiss-Prot entry Q14686 (GeneID 23054).				
		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	1:2	2,000 - 1:10,000		
		Immunoprecipi	tation 2 -	- 10 µg/mg lysate		
		Immunohistoch		500 – 1:2,000. Epitope commended for FFPE t	e retrieval with citrate issue sections.	buffer pH 6.0 is
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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
IHC HUMAN CONTROLS		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A300-410A 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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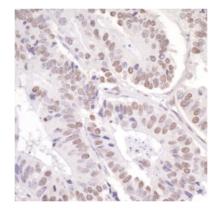


**Detection of human ASC2 by western blot.** *Samples:* Whole cell lysate (5, 15 and 50  $\mu$ g) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ASC2 antibody A300-410A (lot A300-410A-2) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human ASC2 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-ASC2 antibody A300-410A (lot A300-410A-2) used for IP at 6  $\mu$ g per reaction. ASC2 was also immunoprecipitated by a previous lot of this antibody (lot A300-410A-1) and rabbit anti-ASC2 antibody A300-411A. For blotting immunoprecipitated ASC2, A300-410A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Detection of human ASC2 by immunohistochemistry.** *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-ASC2 (Cat. No. A300-410A Lot2) used at a dilution of 1:1,000 ( 1µg/ml). *Detection:* DAB

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