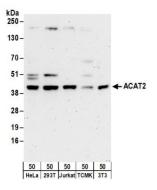
## ACAT2 Antibody

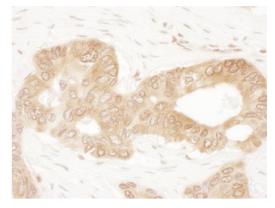
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_005882.2	
Catalog No. A304–293A		293A	GenelD	39	DETLIVI
Lot No.	A304-2	293A-1			LABORATORIES, INC
APPLICATIONS		WB, IHC			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 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 ACAT2 immobilized on solid support.			
PROCEDURES		The epitope recognized by A304-293A maps to a region between residue 150 to 200 of human Acetyl-CoA Acetyltransferase 2 using the numbering given in entry NP_005882.2 (GeneID 39).			
		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	2,000 – 1:10,000	
		Immunoprecipita	ation No	t recommended	
		Immunohistoche	-	00 – 1:2,000. Epitope retrieval with citrate commended for FFPE tissue sections.	buffer pH 6.0 is
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.			
IHC HUMAN CONTROLS		Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma			
IHC MOUSE CONTROLS		Teratoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A304-293A Use 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

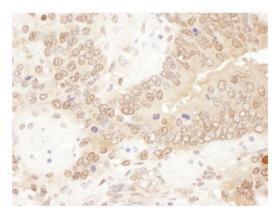
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**Detection of human and mouse ACAT2 by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-ACAT2 antibody A304-293A (lot A304-293A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human ACAT2 by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- ACAT2 (Cat. No. A304-293A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB. *Counterstain:* IHC Hematoxylin (blue).



**Detection of mouse ACAT2 by immunohistochemistry.** *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti- ACAT2 (Cat. No. A304-293A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB