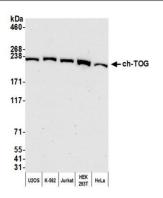
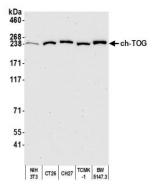
ch-TOG Antibody					
Rabbit Polyclonal					
Antigen Affinity Purified		ed	Protein ID	NP_001008938.1	
Catalog No.	llog No. A301–970A		GenelD	9793	RETHVI
Lot No.	A301-	970A-1			
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 µl			
CONCENTRATION		200 µg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to ch-TOG immobilized on solid support.			
		The epitope recognized by A301–970A maps to a region between residue 1425 and 1475 of human colonic and hepatic tumor over-expressed protein using the numbering given in entry NP_001008938.1 (GeneID 9793).			
		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	
		Immunoprecip	itation 2 -	- 10 µg/mg lysate	
ADDITIONAL INFO		https://www.bethyl.com/product/A301-970A 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: March 5, 2020

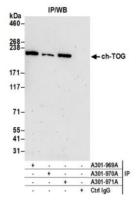
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Detection of human ch-TOG by western blot. Samples: Whole cell lysate (50  $\mu$ g) from U2OS, K-562, Jurkat, HEK293T, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ch-TOG antibody A301-970A (lot A301-970A-1) used for WB at 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse ch-TOG by western blot. Samples: Whole cell lysate (50  $\mu$ g) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ch-TOG antibody A301-970A (lot A301-970A-1) used for WB at 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human ch-TOG by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ch-TOG antibody A301-970A (lot A301-970A-1) used for IP at 6 µg per reaction. ch-TOG was also immunoprecipitated by rabbit anti-ch-TOG antibodies A301-969A and A301-971A. . For blotting immunoprecipitated ch-TOG, A301-970A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.

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