

ch-TOG Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_055571.2
Catalog No. A301-971A	Uniprot ID	Q14008
Lot No. 2	GeneID	9793

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 A301-971A maps to a region between residue 1982 and 2032 of human colonic and hepatic tumor over-expressed protein using the numbering given in entry NP_001008938.1 (GeneID 9793).

Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.

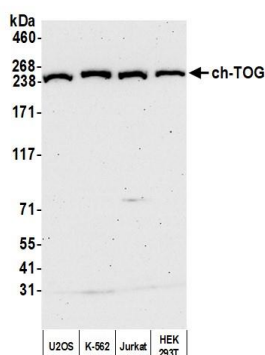
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:2000 – 1:10,000 (3-8% Tris-acetate gel recommended)
Immunoprecipitation	6 µg/mg lysate

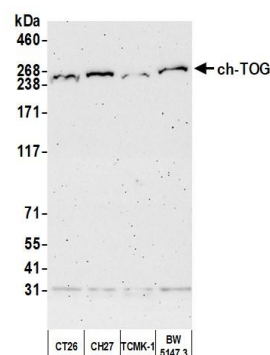
ADDITIONAL INFO <https://www.fortislife.com/p/A301-971A>

Use the link above to view SDS, a current list of citations, and other product specific information.

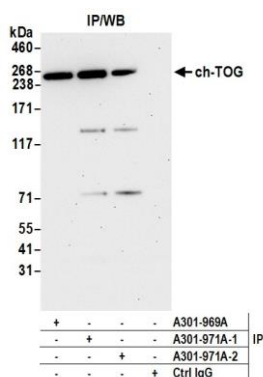
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: July 2, 2024



Detection of human ch-TOG by western blot. *Samples:* Whole cell lysate (50 μ g) from U2OS, K-562, Jurkat, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ch-TOG antibody (A301-971A lot 2) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of mouse ch-TOG by western blot. *Samples:* Whole cell lysate (50 μ g) from CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ch-TOG antibody (A301-971A lot 2) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



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 Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ch-TOG antibody (A301-971A lot 2) used for IP at 6 μ g per reaction. ch-TOG was also immunoprecipitated by a previous lot of this antibody (A301-971A lot 1) and a second antibody against a different epitope of ch-TOG (A301-969A). For blotting immunoprecipitated ch-TOG, A301-971A was used at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.