


Anti-ch TOG antibody ab86073

[7 References](#) [2 Images](#)

Overview

Product name	Anti-ch TOG antibody
Description	Rabbit polyclonal to ch TOG
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Xenopus laevis, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis 
Immunogen	Synthetic peptide corresponding to Human ch TOG. Database link: Q14008
Positive control	HeLa whole cell lysate (ab150035), NIH3T3 cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab86073 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 218 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

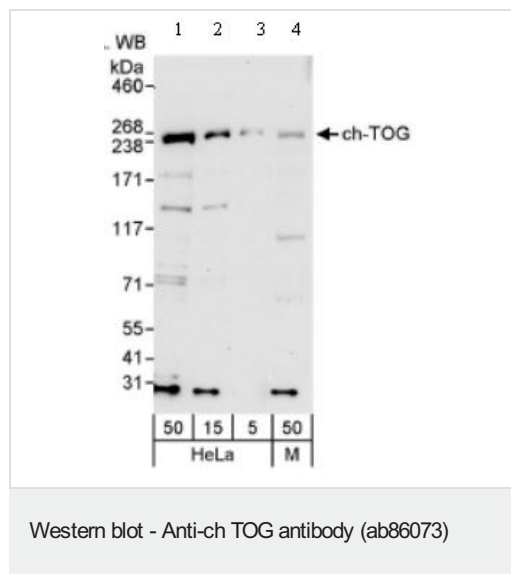
Relevance

ch-TOG (also known as colonic and hepatic tumor over-expressed protein) is a 218 kD member of the TOG/XMAP215 family containing heat repeats. This protein is localized in the perinuclear cytoplasm during interphase and at the spindle poles and centrosomes during mitosis. Ch-TOG is believed to function in spindle microtubule organization and has been shown to interact with TACC1, TACC3, and tubulin.

Cellular localization

Localized in the perinuclear cytoplasm during interphase and at the spindle poles and centrosomes during mitosis

Images



All lanes : Anti-ch TOG antibody (ab86073) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

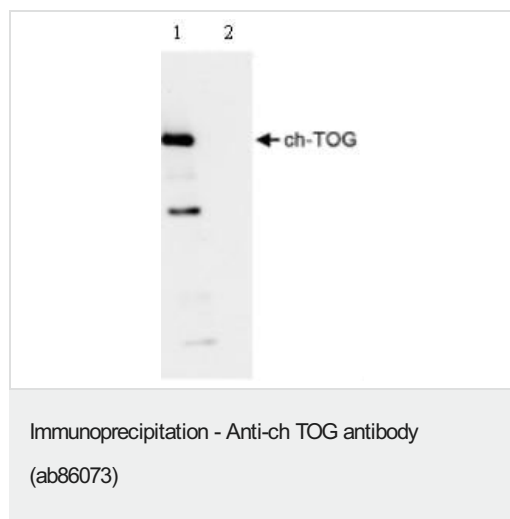
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : mouse NIH3T3 cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 218 kDa

Exposure time: 30 seconds



Immunoprecipitation/ Western Blot of ab86073. Lane 1: ab86073 at 3µg/mg whole cell lysate. Lane 2: Control IgG. ab86073 at 1µg/ml for WB. Whole cell lysate from Hela cells at 1mg for IP, 20% of IP loaded. Chemiluminescence with an exposure time of 3 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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