



## Product Description

Antibody was raised to human topo I (purified from placenta) using New Zealand White rabbits. Serum was collected and processed using standard methods. This antibody can be used as a Western blotting probe at approximately 1:2000-2500 dilution. Note that topo I should be extracted from nuclei using methods described by TopoGEN ([www.topogen.com/p/methods-protocols.html](http://www.topogen.com/p/methods-protocols.html)) and navigate to “Methods for Extracting Topoisomerases for Western blots”). Overloading the gels with excess nuclear proteins may yield high backgrounds. We recommend performing a test titration over a large range of extract concentration (1 ug to 250 ug total protein) to establish optimal conditions for resolving out a single, 100 kDa band. Given that topo I can be actively proteolyzed during and after extraction, this analysis should be carried out using FRESH extracts.

## Vial Contents

The vial contains 250 ul of crude rabbit serum.

## Storage and Shipping Conditions

The antibody is shipped on blue ice. The undiluted serum should be stored at -20°C.

### Product Application and Disclaimer

This product is not licensed or approved for administration to humans or animals. It may be used with experimental animals only. The product is for in vitro research diagnostic studies only. The product is non-infectious and non-hazardous to human health. This information is based on present knowledge and does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. TopoGEN, Inc. shall not be held liable for product failure due to mishandling and incorrect storage by end user. TopoGEN's liability is limited to credit or product replacement.