



Research, Diagnostic and Therapeutic
Biomedical Reagents, Kits and Services
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Polyclonal Antibody to Yeast Topo II (Serum)

- TG2014 [250 ul crude serum]

Product Description

Topoisomerase II was purified from *Saccharomyces cerevisiae*. A homogeneous preparation of the enzyme was injected into New Zealand white rabbits and the animals were boosted twice more. ELISA titers were greater than $1:10^5$ at the time of the final bleed. The sera were collected, pooled and tested by probing Western blots. A single polypeptide band of 160 kDa was detected on Western blots containing crude nuclear extracts prepared from cells in mid-log phase. This is a highly specific antibody, sold as crude serum (not affinity purified) that will neutralize enzymatic activity of yeast topoisomerase II. The antibody is specific for *S. cerevisiae* and does not cross react on Western blots with the human or calf thymus enzymes. For routine detection of yeast topo II, the antibody can be diluted 1:2500. Although this reagent may be suitable for use in immunofluorescence, it has not been characterized for such applications.

Vial Contents

250 ul of crude serum.

Storage and Shipping Conditions

The antibody is shipped at ambient temperature and should be stored at -20°C .

Dilution Buffer

Dilutions should be performed in phosphate buffered saline.

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.