

TOP2B Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252228

Unit: 0.1 mg

Description:

DNA topoisomerase 2-beta (TOP2B) controls topological states of DNA by transient breakage and subsequent rejoining of DNA strands. TOP2B makes double-strand breaks. TOP2B is indirectly involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene. Eukaryotic topoisomerase I and II can relax both negative and positive supercoils, whereas prokaryotic enzymes relax only negative supercoils.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

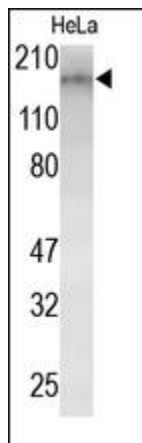
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: TOP2B; DNA topoisomerase 2-beta; DNA topoisomerase II, beta isozyme; TOP2B

Accession No.: Q02880

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TOP2B.

Application Notes: E: 1:10,000-1:40,000; WB: 1:200-1:500



The TOP2B Antibody is used in Western blot to detect TOP2B in HeLa cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.