

Datasheet for ABIN927425 **anti-TOP2B antibody (Middle Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	TOP2B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOP2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	TOP2 B antibody was raised in rabbit using the middle region of TOP2 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Purification:	Purified

Target Details

Target:	TOP2B
Alternative Name:	TOP2B (TOP2B Products)
Background:	TOP2B is a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This nuclear enzyme is involved in processes such as chromosome condensation, chromatid separation, and the relief of torsional stress that occurs during DNA transcription and replication. It catalyzes the transient breaking and rejoining of two strands of

Target Details

duplex DNA which allows the strands to pass through one another, thus altering the topology of DNA. Two forms of this enzyme exist as likely products of a gene duplication event. Synonyms: Polyclonal TOP2B antibody, Anti-TOP2B antibody, topoisomerase, DNA II beta 180kDa antibody, TOPIIB antibody, top2beta antibody.

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	TOP2B Blocking Peptide, catalog no. 33R-2910, is also available for use as a blocking control in assays to test for specificity of this TOP2B antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. TOP2B antibody used at 2.5 ug/ml to detect target protein.