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## anti-TOP3B antibody (C-Term)





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3.33		
Quantity:	400 μL	
Target:	TOP3B	
Binding Specificity:	AA 826-854, C-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TOP3B antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This TOP3B antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 826-854 amino acids from the C-terminal region of human TOP3B.	
Clone:	RB35782	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	TOP3B	
Alternative Name:	TOP3B (TOP3B Products)	
Background:	This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic	

#### **Target Details**

states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus relaxing the supercoils and altering the topology of DNA. The enzyme interacts with DNA helicase SGS1 and plays a role in DNA recombination, cellular aging and maintenance of genome stability. Alternative splicing of the C-terminus of this gene results in three transcript variants which have distinct tissue specificity, however, not all variants have been fully described.

 Molecular Weight:
 96662

 Gene ID:
 8940

 NCBI Accession:
 NP\_001269041, NP\_001269042, NP\_003926

 UniProt:
 095985

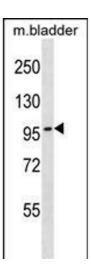
## **Application Details**

Application Notes: WB: 1:1000

Restrictions: For Research Use only

### Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	TOP3B Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	



#### **Western Blotting**

**Image 1.** TOP3B Antibody (C-term) (ABIN1537618 and ABIN2848469) western blot analysis in mouse bladder tissue lysates (35  $\mu$ g/lane). This demonstrates the TOP3B antibody detected the TOP3B protein (arrow).