

For Research Use Only

# TOP2B Recombinant antibody

Catalog Number: 84049-2-RR



## Basic Information

<b>Catalog Number:</b> 84049-2-RR	<b>GenBank Accession Number:</b> NM_001068	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7155	<b>CloneNo.:</b> 240949F8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q02880	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> topoisomerase (DNA) II beta 180kDa	
	<b>Calculated MW:</b> 183 kDa	
	<b>Observed MW:</b> 180-190 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> Jurkat cells, HeLa cells, HepG2 cells, K-562 cells, HEK-293T cells

## Background Information

TOP2B belongs to the type II topoisomerase family. TOP2B control topological states of DNA by transient breakage and subsequent rejoining of DNA strands. TOP2B makes double-strand breaks. It 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.

## Storage

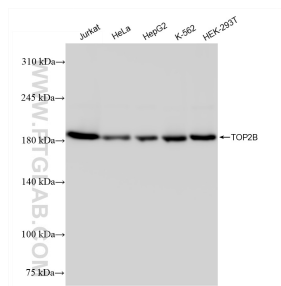
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1%BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84049-2-RR (TOP2B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.