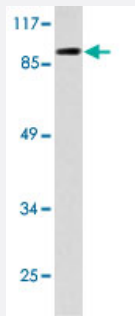


# TOP3B polyclonal antibody

Catalog # PAB27152      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with TOP3B polyclonal antibody (Cat # PAB27152).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of TOP3B.
<b>Immunogen</b>	A synthetic peptide corresponding to human TOP3B.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	96
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	TOP3B polyclonal antibody detects endogenous levels of TOP3B protein.
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with TOP3B polyclonal antibody (Cat # PAB27152).

- Immunohistochemistry

## Gene Info — TOP3B

**Entrez GeneID**[8940](#)**Protein Accession#**[O95985](#)**Gene Name**

TOP3B

**Gene Alias**

FLJ39376

**Gene Description**

topoisomerase (DNA) III beta

**Omim ID**[603582](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic state 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. [provided by RefSeq]

**Other Designations**

topoisomerase III beta

## Pathway

- [Homologous recombination](#)