

Rabbit anti-Human, Mouse Topo II β -1 Polyclonal Antibody | anti-TOP3B antibody

Topo II β -1 Polyclonal Antibody

CATALOG # AAA295935	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Topo II β -1; Polyclonal Antibody; Topo II β -1 Polyclonal Antibody; TOP3B; TOP3B1; DNA topoisomerase 3- β -1; DNA topoisomerase III β -1; anti-TOP3B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-TOP3B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-TOP3B antibody	Releases the supercoiling and torsional tension of DNA introduced during the DNA replication and transcription by transiently cleaving and rejoining one strand of the DNA duplex. Introduces a single-strand break via transesterification at a target site in duplex DNA. The scissile phosphodiester is attacked by the catalytic tyrosine of the enzyme, resulting in the formation of a DNA- (5'-phosphotyrosyl)-enzyme intermediate and the expulsion of a 3'-OH DNA strand. The free DNA strand then undergoes passage around the unbroken strand thus removing DNA supercoils. Finally, in the religation step, the DNA 3'-OH attacks the covalent intermediate to expel the active-site tyrosine and restore the DNA phosphodiester backbone (By similarity). Possesses negatively supercoiled DNA relaxing activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507635
NCBI GeneID	8940
NCBI Accession #	NP_003926.1
NCBI GenBank Nucleotide #	NM_003935.3
UniProt Accession #	O95985 ; Q9BUP5 ; A0M8Q3

Molecular Weight	96,662 Da
NCBI Official Full Name	DNA topoisomerase 3-beta-1
NCBI Official Synonym Full Names	topoisomerase (DNA) III beta
NCBI Official Symbol	TOP3B
NCBI Protein Information	DNA topoisomerase 3-beta-1; topoisomerase III beta; DNA topoisomerase III beta-1
UniProt Protein Name	DNA topoisomerase 3-beta-1
UniProt Gene Name	TOP3B
UniProt Synonym Gene Names	TOP3B1
UniProt Entry Name	TOP3B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/topo-iiibeta-1-antibody-immunohistochemistry-western-blot-elisa/295935>