

Rabbit anti-Human Topoisomerase II beta Polyclonal Antibody | anti-TOP2B antibody

Topoisomerase II beta Antibody

CATALOG # AAA303919	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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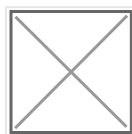
PRODUCT SYNONYMS

Topoisomerase II beta; Polyclonal Antibody; Topoisomerase II beta Antibody; Topoisomerase II b Antibody; DNA topoisomerase II; beta isozyme; EC 5.99.1.3; TP2B; TOP2B; anti-TOP2B antibody

PRODUCT SPECIFICATIONS

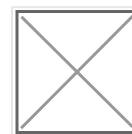
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total topoisomerase II b protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1621
Applicable Applications for anti-TOP2B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human topoisomerase II b.
Target Name	Topoisomerase II b
Preparation and Storage	Store at -20 degree C

IMAGES



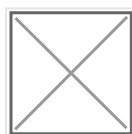
WB (Western Blot)

Western blot analysis of extracts from K562 cells (Lane 2), using TOP2B antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using Topoisomerase II b antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Topoisomerase II b antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TOP2B antibody	Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands. Topoisomerase II makes double-strand breaks. 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.Ren"; M. Linka, Nucleic Acids Res., May 2007; 10.1093.John R. Jenkins, Nucleic Acids Res., Nov 1992; 20: 5587 - 5592. Kathryn L. Gilroy, Nucleic Acids Res., Mar 2006; 34: 1597 - 1607.Sophie Dereuddre, Cancer Res., Oct 1997; 57: 4301 - 4308.
Product Categories/Family for anti-TOP2B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913408
NCBI GeneID	7155
NCBI Accession #	NP_001059.2
NCBI GenBank Nucleotide #	NM_001068.3
UniProt Accession #	Q02880; Q13600; Q9UMG8; Q9UQP8
Molecular Weight	182,663 Da
NCBI Official Full Name	DNA topoisomerase 2-beta
NCBI Official Synonym Full Names	topoisomerase (DNA) II beta
NCBI Official Symbol	TOP2B
NCBI Official Synonym Symbols	TOPIIB; top2beta
NCBI Protein Information	DNA topoisomerase 2-beta
UniProt Protein Name	DNA topoisomerase 2-beta
UniProt Gene Name	TOP2B
UniProt Entry Name	TOP2B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/topoisomerase-ii-beta-antibody-immunohistochemistry-western-blot-elisa/303919>