

**Product Name: Topoisomerase II alpha (2J12) Rabbit
Monoclonal Antibody
Catalog #: AMRe19131**



Summary

Production Name	Topoisomerase II alpha (2J12) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TOP2A
Alternative Names	DNA topoisomerase II; DNA topoisomerase II-alpha; TOP2; TOP2A; TP2A; alpha isozyme;
Gene ID	7153.0
SwissProt ID	P11388.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	174kDa

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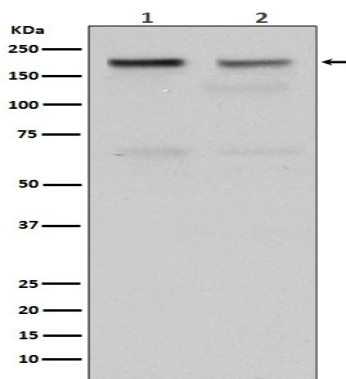


Background

DNA topoisomerase 2-alpha; DNA topoisomerase II, 170 kD; DNA topoisomerase II, alpha isozyme; TOP2; TOP2A; topoisomerase (DNA) II alpha 170kDa; TP2A. Key decatenating enzyme that alters DNA topology by binding to two double-stranded DNA molecules, generating a double-stranded break in one of the strands, passing the intact strand through the broken strand, and religating the broken strand (PubMed: [17567603](http://www.uniprot.org/citations/17567603) target="_blank">17567603, PubMed: [18790802](http://www.uniprot.org/citations/18790802) target="_blank">18790802, PubMed: [22013166](http://www.uniprot.org/citations/22013166) target="_blank">22013166, PubMed: [22323612](http://www.uniprot.org/citations/22323612) target="_blank">22323612). May play a role in regulating the period length of ARNTL/BMAL1 transcriptional oscillation (By similarity).

Research Area

Image Data



Western blot analysis of Topoisomerase II alpha expression in (1) HeLa cell lysate; (2) Jurkat cell lysate.

Note

For research use only.