

**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,IHC-P
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. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
Buffer	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 1:1000-1:5000, IHC-P/IF-P 1:200-1:2000
Molecular Weight	174kDa

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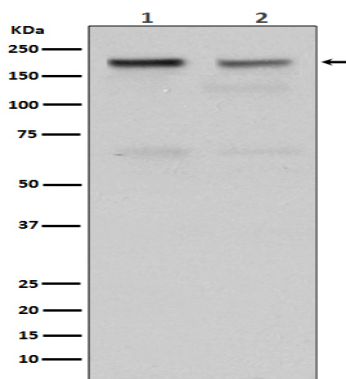


Background

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), PubMed: [18790802](http://www.uniprot.org/citations/18790802), PubMed: [22013166](http://www.uniprot.org/citations/22013166), PubMed: [22323612](http://www.uniprot.org/citations/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.