

# Anti-Topoisomerase 2 alpha (pS1213) Antibody

Rabbit polyclonal antibody to Topoisomerase 2 alpha (pS1213)

Catalog # AP61450

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P11388</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	174385

## Additional Information

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<b>Gene ID</b>	7153
<b>Other Names</b>	TOP2; DNA topoisomerase 2-alpha; DNA topoisomerase II alpha isozyme
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Topoisomerase 2 alpha with a site at pS1213. The exact sequence is proprietary.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C. Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	TOP2A
<b>Synonyms</b>	TOP2
<b>Function</b>	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: <a href="#">17567603</a> , PubMed: <a href="#">18790802</a> , PubMed: <a href="#">22013166</a> , PubMed: <a href="#">22323612</a> , PubMed: <a href="#">27754753</a> ). May play a role in regulating the period length of BMAL1 transcriptional oscillation (By similarity).
<b>Cellular Location</b>	Cytoplasm. Nucleus, nucleoplasm. Nucleus. Nucleus, nucleolus
<b>Tissue Location</b>	Expressed in the tonsil, spleen, lymph node, thymus, skin, pancreas, testis, colon, kidney, liver, brain and lung (PubMed:9155056). Also found in

high-grade lymphomas, squamous cell lung tumors and seminomas  
(PubMed:9155056)

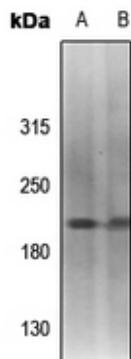
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Topoisomerase 2 alpha with a site at pS1213. The exact sequence is proprietary.

## Images

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Western blot analysis of Topoisomerase 2 alpha (pS1213) expression in SHSY5Y (A), Myla2059 (B) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.