antibodies - online.com







anti-Topoisomerase II alpha antibody (Internal Region)



Images



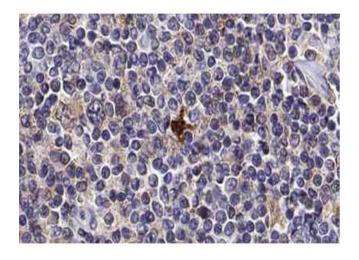
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Quantity:	100 μL
Target:	Topoisomerase II alpha (TOP2A)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Topoisomerase II alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human TOP2A, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TOP2A Antibody detects endogenous levels of total TOP2A.
Predicted Reactivity:	Pig,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	Topoisomerase II alpha (TOP2A)

Target Details	
Alternative Name:	TOP2A (TOP2A Products)
Background:	Description: Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands. Topoisomerase II makes double-strand breaks. Essential during mitosis and meiosis for proper segregation of daughter chromosomes. May play a role in regulating the period length of ARNTL/BMAL1 transcriptional oscillation (By similarity). Gene: TOP2A
Molecular Weight:	174kDa
Gene ID:	7153
UniProt:	P11388
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

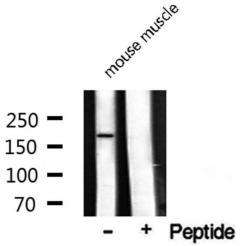
Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



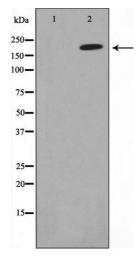
Immunohistochemistry

Image 1. ABIN6267011 at 1/100 staining human Lymph node tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis on mouse muscle lysate using TOP2A Antibody



Western Blotting

Image 3. Western blot analysis on Jurkat cell lysate using TOP2A Antibody

Please check the product details page for more images. Overall 4 images are available for ABIN6265673.