

Anti-Topoisomerase 1 Antibody

Catalog #	Source	Reactivity	Applications
CQA3383	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to Topoisomerase 1		
Immunogen	KLH-conjugated synthetic peptide of human Topoisomerase 1		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Topoisomerase 1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	TOP1		
Alternative Names	DNA topoisomerase 1; DNA topoisomerase I		
Entrez Gene	7150 (Human); 21969 (Mouse)		
SwissProt	P11387 (Human); Q04750 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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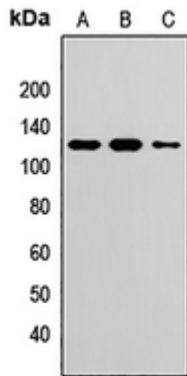
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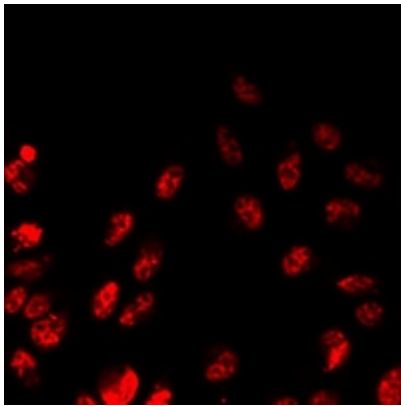
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Product Data Sheet



Western blot analysis of Topoisomerase 1 expression in Jurkat (A), HeLa (B), mouse spleen (C) whole cell lysates. (Predicted band size: 90 kD; Observed band size: 120 kD)



Immunohistochemical analysis of Topoisomerase 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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