

Anti-Topoisomerase 3 beta1 Antibody

Catalog #	Source	Reactivity	Applications
CPA2337	Rabbit	H, M, R, B, D, P	WB, IH
Description	Rabbit polyclonal antibody to Topoisomerase 3 beta1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Topoisomerase 3 beta1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Topoisomerase 3 beta1 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 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	TOP3B		
Alternative Names	TOP3B1; DNA topoisomerase 3-beta-1; DNA topoisomerase III beta-1		
Entrez Gene	8940 (Human); 21976 (Mouse)		
SwissProt	O95985 (Human); Q9Z321 (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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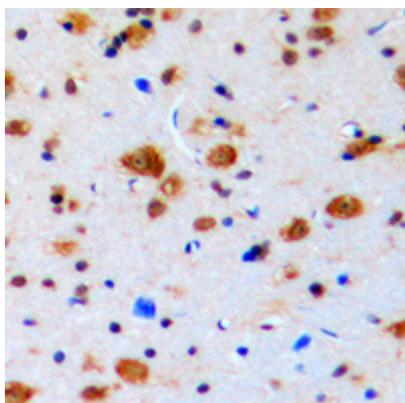
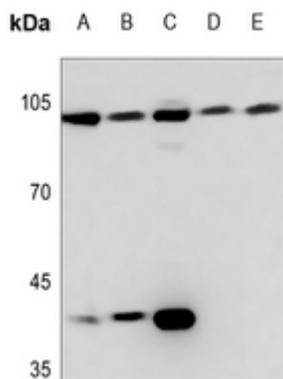
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Product Data Sheet



Western blot analysis of Topoisomerase 3 beta1 expression in HEK293T (A), SHSY5Y (B), K562 (C), mouse liver (D), rat liver (E) whole cell lysates. (Predicted band size: 96 kD; Observed band size: 100 kD)

Immunohistochemical analysis of Topoisomerase 3 beta1 staining in human brain 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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