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anti-TOP2B antibody (N-Term)

3 Images



Go to Product page

Overview	
Quantity:	100 μL
Target:	TOP2B
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOP2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Topoisomerase 2 beta.
Specificity:	Recognizes endogenous levels of Topoisomerase 2 beta protein.
Characteristics:	Rabbit polyclonal antibody to Topoisomerase 2 beta
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	TOP2B
Alternative Name:	Topoisomerase 2 beta (TOP2B Products)

Target Details

Background:	DNA topoisomerase 2-beta, DNA topoisomerase II, beta isozyme
Gene ID:	7155
UniProt:	Q02880

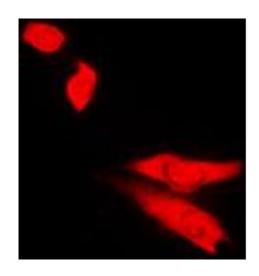
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

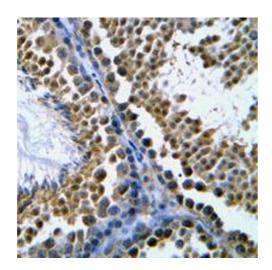
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

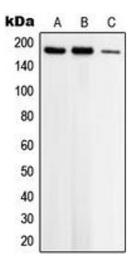
Images



Immunofluorescence

lmage 1. Immunofluorescent analysis of Topoisomerase 2 beta staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI





was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of Topoisomerase 2 beta staining in human tonsil 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.

Western Blotting

Image 3. Western blot analysis of Topoisomerase 2 beta expression in K562 (A), Jurkat (B), MCF7 (C) whole cell lysates.