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Datasheet for ABIN6982644
anti-TOP2B antibody (AA 1-100) (Biotin)

Overview

Quantity:	100 µL
Target:	TOP2B
Binding Specificity:	AA 1-100
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOP2B antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Topoisomerase II beta
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit,Chimpanzee
Purification:	Purified by Protein A.

Target Details

Target:	TOP2B
Alternative Name:	Topoisomerase II beta (TOP2B Products)

Target Details

Background: Synonyms: Antigen MLAA 44, beta isozyme, DNA topoisomerase 2 beta, DNA topoisomerase 2-beta, DNA topoisomerase II 180 kD, DNA topoisomerase II, DNA topoisomerase II beta, DNA topoisomerase II beta isozyme, Top 2, TOP 2B, TOP IIB, Top2 beta, TOP2B, TOP2B_HUMAN, Top2beta, TOPIIB, Topo II beta, Topoisomerase (DNA) II beta 180 kDa, Topoisomerase (DNA) II beta, Topoisomerase IIb, U937 associated antigen.

Background: Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands. Topoisomerase II makes double-strand breaks. Indirectly involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

Gene ID: 7155

UniProt: [Q02880](#)

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months