

Datasheet for ABIN598126

anti-Topoisomerase II alpha antibody (AA 1466-1480)



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Overview

Quantity:	100 µg
Target:	Topoisomerase II alpha (TOP2A)
Binding Specificity:	AA 1466-1480
Reactivity:	Human, Pig, Dog, Horse, Rabbit, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Topoisomerase II alpha antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to aa1466-1480, RKPSTSDSDSNFEK to human DNA topoisomerase 2-alpha. Percent identity by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Elephant, Panda, Dog, Horse, Rabbit, Pig (100%), Gibbon (93%), Bat (87%), Hamster, Opossum (80%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes human DNA topoisomerase 2-alpha at 174kD. Species cross-reactivity: rat.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Elephant, Panda, Dog, Horse, Rabbit, Pig (100%) Gibbon (93%) Bat (87%) Hamster, Opossum (80%).
Purification:	Immunoaffinity purified

Target Details

Target:	Topoisomerase II alpha (TOP2A)
Alternative Name:	TOP2A / Topoisomerase II alpha (TOP2A Products)
Background:	Name/Gene ID: TOP2A Family: Topoisomerase Synonyms: TOP2A, DNA topoisomerase II, 170 kD, TOP2, DNA gyrase, DNA topoisomerase 2-alpha, TP2A
Gene ID:	7153
UniProt:	P11388
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	Approved: WB (1 - 2 µg/mL) Usage: Suitable for use in Western blot: 1-2 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg Thimerosal, 0.05 mg sodium azide
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Lyophilized powder may be stored at -20°C. Stable for 1 year at -20°C. Aliquot to avoid freeze-

thaw cycles. Store at -20°C. Reconstituted product is stable for 1 year at -20°C.