antibodies -online.com







anti-TOP3B antibody





Overview

Quantity:	100 μL
Target:	TOP3B
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOP3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse TOP3B
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	TOP3B
Alternative Name:	TOP3B (TOP3B Products)
Background:	This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic
	states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining
	of a single strand of DNA which allows the strands to pass through one another, thus relaxing
	the supercoils and altering the topology of DNA. The enzyme interacts with DNA helicase SGS1
	and plays a role in DNA recombination, cellular aging and maintenance of genome stability. Low

Target Details

	expression of this gene may be related to higher survival rates in breast cancer patients. This gene has a pseudogene on chromosome 22. Alternate splicing results in multiple transcript variants.
Molecular Weight:	97 kDa
Gene ID:	21976
NCBI Accession:	NP_001313505
UniProt:	Q9Z321

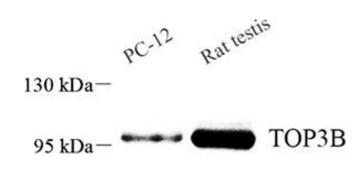
Application Details

Application Notes:	WB (R) 1:800-1:1500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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

Images



72 kDa-

Western Blotting

Image 1. Western blot analysis of TOP3B (ABIN7075940) at dilution of 1: 800