Datasheet for ABIN1533609

anti-Topoisomerase II alpha antibody (AA 1-50)

3 Images

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Overview

Quantity:	100 µg
Target:	Topoisomerase II alpha (TOP2A)
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Topoisomerase II alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human TOP2A.
Isotype:	IgG
Specificity:	TOP2A Antibody detects endogenous levels of total TOP2A protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Topoisomerase II alpha (TOP2A)
Alternative Name:	TOP2A (TOP2A Products)
Background:	Synonyms: alpha isozyme, DNA topoisomerase II, DNA topoisomerase II-alpha, P11388-1, TOP-

Target Details

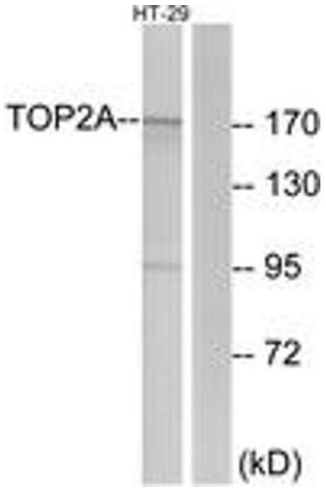
	2, TOP2, TOP2A, TP2A NCBI Gene Symbol: TOP2A
Molecular Weight:	174 kDa
Gene ID:	7153
OMIM:	126430
UniProt:	P11388
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.156346 (NCBI Gene Symbol: TOP2A)
Restrictions:	For Research Use only

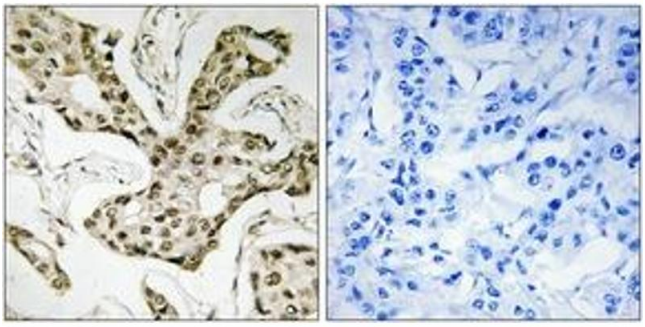
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



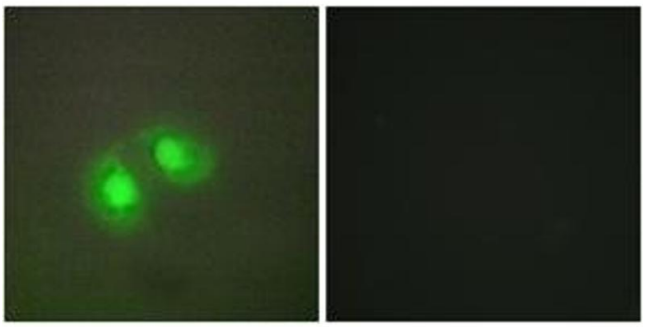
Western Blotting

Image 1. Western blot analysis of extracts from HT-29 cells, using TOP2A Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using TOP2A Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cells, using TOP2A Antibody. The picture on the right is treated with the synthesized peptide.