

Rabbit TOP2A Polyclonal Antibody | anti-TOP2A antibody

TOP2A (Phospho-Ser1525) Antibody

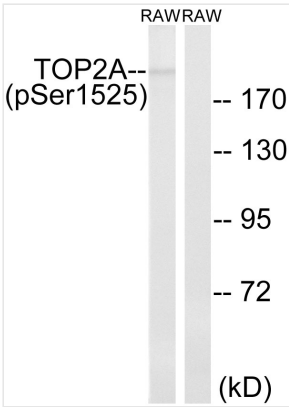
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316664	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TOP2A; Polyclonal Antibody; TOP2A (Phospho-Ser1525) Antibody; alpha isozyme; DNA topoisomerase II; DNA topoisomerase II-alpha; P11388-1; TOP-2; TOP2; TP2A; anti-TOP2A antibody

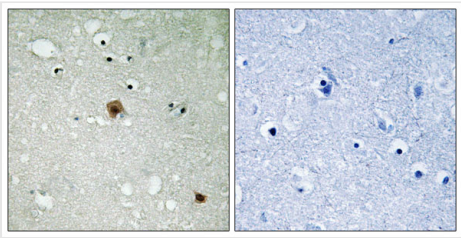
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	TOP2A (Phospho-Ser1525) Antibody detects endogenous levels of TOP2A only when phosphorylated at Ser1525.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,612
Applicable Applications for anti-TOP2A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S1525; M:S1521; R:S1521
Immunogen	The antiserum was produced against synthesized peptide derived from human TOP2A around the phosphorylation site of Ser1525.
Immunogen Range	1482-1531
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)

Western blot analysis of lysates from RAW264.7 cells treated with TNF 20ng/ml 5', using TOP2A (Phospho-Ser1525) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using TOP2A (Phospho-Ser1525) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913406
NCBI GeneID	7153
NCBI Accession #	NP_001058.2
NCBI GenBank Nucleotide #	NM_001067.3
UniProt Accession #	P11388; Q71UN1; Q71UQ5; Q9HB24; Q9HB25; Q9HB26; Q9UP44; Q9UQP9; B2RTS1
Molecular Weight	174 kDa
NCBI Official Full Name	DNA topoisomerase 2-alpha
NCBI Official Synonym Full Names	DNA topoisomerase II alpha
NCBI Official Symbol	TOP2A
NCBI Official Synonym Symbols	TOP2; TP2A
NCBI Protein Information	DNA topoisomerase 2-alpha
UniProt Protein Name	DNA topoisomerase 2-alpha
UniProt Gene Name	TOP2A
UniProt Synonym Gene Names	TOP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.