

TOP2A Antibody | anti-TOP2A antibody

TOP2A (Phospho-Ser1525) Antibody

CATALOG # AAA267835	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

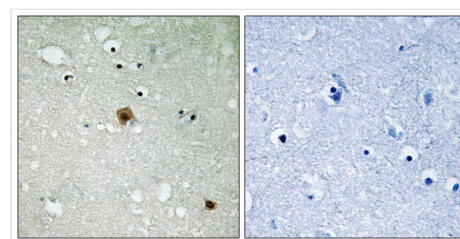
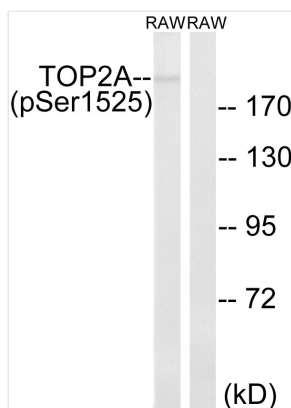
PRODUCT SYNONYMS

TOP2A; TOP2A (Phospho-Ser1525) Antibody; alpha isozyme; DNA topoisomerase II; DNA topoisomerase II-alpha; EC 5.99.1.3; P11388-1; TOP-2; TOP2; TP2A; anti-TOP2A antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	TOP2A (Phospho-Ser1525) antibody detects endogenous levels of TOP2A only when phosphorylated at serine 1525.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1531
Applicable Applications for anti-TOP2A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human TOP2A around the phosphorylation site of serine 1525 (L-E-E-SP-D).
All Sites	Human: Ser1525 Mouse: Ser1521 Rat: Ser1521
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using TOP2A (Phospho-Ser1525) antibody. Western blot analysis of extracts from RAW264.7 cells, treated with TNF (20ng/ml, 5mins), using TOP2A (Phospho-Ser1525) antibody.

ADDITIONAL INFORMATION

References	Tsai-Pflugfelder M., Proc. Natl. Acad. Sci. U.S.A. 85:7177-7181(1988). Wasserman R.A., Cancer Res. 53:3591-3596(1993). Lang A.J., Gene 221:255-266(1998).
------------	---

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	182,681 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/top2a/267835>