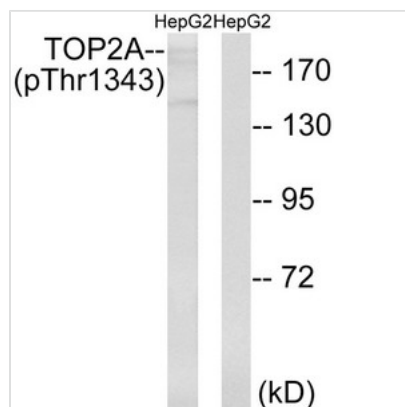




Phospho-TOP2A (Thr1343) Antibody

Product Code	CSB-PA248815
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P11388
Immunogen	Peptide sequence around phosphorylation site of threonine1343(E-K-T(p)-D-D) derived from Human TOP2A.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of TOP2A only when phosphorylated at threonine 1343.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This nuclear enzyme is involved in processes such as chromosome condensation, chromatid separation, and the relief of torsional stress that occurs during DNA transcription and replication. It catalyzes the transient breaking and rejoining of two strands of duplex DNA which allows the strands to pass through one another, thus altering the topology of DNA. Two forms of this enzyme exist as likely products of a gene duplication event. 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).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	TP2A; TOP2; TOP2A; P11388-1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TOP2A
Image	



Western blot analysis of extracts from HepG2 cells treated with Ca²⁺ using TOP2A (Phospho-Thr1343) Antibody. The lane on the right is treated with the antigen-specific peptide.

Product Modify

Phospho-Thr1343