

Rabbit anti-Human TOP2A Polyclonal Antibody | anti-TOP2A antibody

TOP2A (Phospho-Thr1343) Antibody

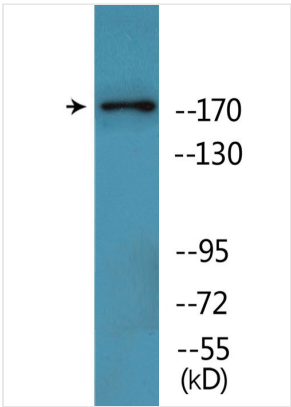
CATALOG # AAA318401	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

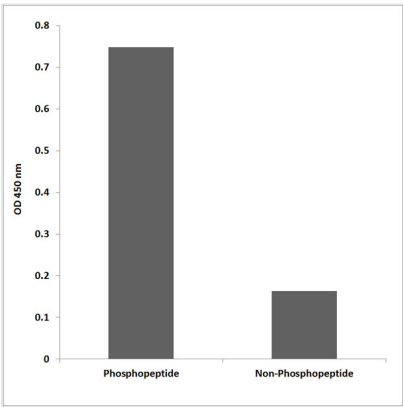
TOP2A; Polyclonal Antibody; TOP2A (Phospho-Thr1343) Antibody; alpha isozyme; DNA topoisomerase II; DNA topoisomerase II-alpha; P11388-1; TOP-2; TOP2; TP2A; anti-TOP2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	TOP2A (Phospho-Thr1343) Antibody detects endogenous levels of TOP2A only when phosphorylated at Thr1343.
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 (Phospho-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, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T1343
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human TOP2A around the phosphorylation site of Thr1343.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells treated with Ca²⁺ 40nM 30', using TOP2A (Phospho-Thr1343) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using TOP2A (Phospho-Thr1343) Antibody

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.