

Rabbit TOP2A Polyclonal Antibody | anti-TOP2A antibody

TOP2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311928	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot

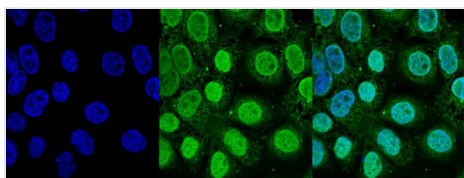
PRODUCT SYNONYMS

TOP2A; Polyclonal Antibody; TOP2A Antibody; alpha isozyme antibody; ATP hydrolyzing DNA topoisomerase II alfa antibody; DNA gyrase antibody; DNA topoisomerase (ATP hydrolyzing) antibody; DNA topoisomerase 2 alpha antibody; DNA topoisomerase 2-alpha antibody; DNA topoisomerase II 170 kD antibody; DNA topoisomerase II alpha isozyme antibody; DNA topoisomerase II antibody; DNA Topoisomerase2 antibody; TOP 2A antibody; TOP2 antibody; TOP2A antibody; TOP2A_HUMAN antibody; Topoisomerase DNA II alpha 170kDa antibody; TP2A antibody; anti-TOP2A antibody

PRODUCT SPECIFICATIONS

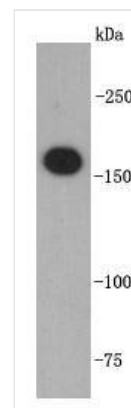
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TOP2A antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining TOP2A in A431 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS and counterstained with DAPI in order to highlight the nucleus (blue).



WB (Western Blot)

Western blot analysis on Jurkat cell lysates using anti-TOP2A rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-TOP2A antibody	DNA topoisomerases I and II are nuclear enzymes; type II consists of two highly homologous isoforms: topoisomerase IIalpha and IIbeta . 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. Topoisomerases are very susceptible to various stresses. Acidic pH or oxidative stress can convert topoisomerases to DNA-breaking nucleases, causing genomic instability and cell death. DNA-damaging topoisomerase targeting drugs (e.g., etoposide) also convert topoisomerases to nucleases, with the enzyme usually trapped as an intermediate that is covalently bound to the 5+ end of the cleaved DNA strand (s).
Product Categories/Family for anti-TOP2A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	153945749
NCBI GeneID	21973
NCBI Accession #	NP_035753.2
NCBI GenBank Nucleotide #	NM_011623.2
UniProt Accession #	Q01320; E9PX08
Molecular Weight	172,790 Da
NCBI Official Full Name	DNA topoisomerase 2-alpha
NCBI Official Synonym Full Names	topoisomerase (DNA) II alpha
NCBI Official Symbol	Top2a
NCBI Official Synonym Symbols	Top-2
NCBI Protein Information	DNA topoisomerase 2-alpha
UniProt Protein Name	DNA topoisomerase 2-alpha
UniProt Gene Name	Top2a
UniProt Synonym Gene Names	Top-2; 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/top2a-antibody-immunocytochemistry-western-blot-elisa/311928>