

Rabbit anti-Human, Mouse Topoisomerase II Polyclonal Antibody | anti-TOP2 antibody

Polyclonal Antibody to Topoisomerase II (TOP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143054	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Topoisomerase II; Polyclonal Antibody; Polyclonal Antibody to Topoisomerase II (TOP2); anti-TOP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TOP2. It has been selected for its ability to recognize TOP2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a non-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-ISELPVRT WTQTYKEQVL EPMLNGTEKT PPLTDYREY HTDITVKFV KMTEEKLA EA ERVGLHKVFK LQTS LTCNSM VLF DHVGCLK KYDTVLDILR DFFELRLKYY GLRKEWLLGM LGAESAKLNN QARFILEKID GKIIENKPK KELIKVLIQR GYDSDPVKAW KEAQKQVPDE EENEESDNEK ETEKSDSVTD
Sequence Length	1447
Applicable Applications for anti-TOP2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	TOP2 (Ile923~Arg1148)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant TOP2 (Ile923~Arg1148) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Ovary tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Serum; Primary Ab: 1ug/ml Rabbit Anti-Human TOP2 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal 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	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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/topoisomerase-ii-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143054>