

Rabbit Topoisomerase 2 alpha Polyclonal Antibody | anti-TOP2A antibody

Rabbit anti-Topoisomerase 2 alpha Antibody

CATALOG # AAA221554	HOST Rabbit	REACTIVITY Human, Mouse, Pig	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Topoisomerase 2 alpha; Polyclonal Antibody; Rabbit anti-Topoisomerase 2 alpha Antibody; TOP2; DNA topoisomerase 2-alpha; DNA topoisomerase II; alpha isozyme; anti-TOP2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Pig
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-TOP2A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Topoisomerase 2 alpha. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Topoisomerase 2 alpha staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Topoisomerase 2 alpha expression in HEK293T (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TOP2A antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19913406
NCBI GeneID	7153

NCBI Accession #	NP_001058.2
NCBI GenBank Nucleotide #	NM_001067.3
UniProt Accession #	P11388 ; Q01320
Molecular Weight	174,385 Da
NCBI Official Full Name	DNA topoisomerase 2-alpha
NCBI Official Synonym Full Names	topoisomerase (DNA) II alpha 170kDa
NCBI Official Symbol	TOP2A
NCBI Official Synonym Symbols	TOP2; TP2A
NCBI Protein Information	DNA topoisomerase 2-alpha; DNA gyrase; DNA topoisomerase II, 170 kD; DNA topoisomerase (ATP-hydrolyzing); DNA topoisomerase II, alpha isozyme
UniProt Protein Name	DNA topoisomerase 2-alpha
UniProt Gene Name	TOP2A
UniProt Synonym Gene Names	TOP2
UniProt Entry Name	TOP2A_HUMAN

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-2-alpha-antibody-immunohistochemistry-western-blot-elisa/221554>