Rabbit anti-Rat Topoisomerase II Polyclonal Antibody | anti-TOP2 antibody

Polyclonal Antibody to Topoisomerase II (TOP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143693	**Rabbit**	**Rat**	**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	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TOP2. It has beenselected for its ability to recognize TOP2 in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwitht woN-termin alTags,His -tagandT7- taganditss equenceisl istedbelow . MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-GYDSDPVK AWKEAQQKVP EEEENEENEE SESESTSPAA ESGPTFNYLL DMPLWYLTKE KKDELCKQRD EKEQELNTLK KKTPSDLWKE DLAAFVEELE VVEAKEKQDE QVGLPGKGVK AKGKKAQISE VLPSPVGKRV IPQVTMEMRA EAEKKIRRKI KSENVEGTPA EDGAEPGLRQ RLEKRQKREP GTRAKKQTTL PFKPIKKAQK QNPWSDSESD MSSNESNFDV PPREKEPRIA ATKAKFTADL DS
Sequence Length	1447
Applicable Applications for anti-TOP2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	TOP2 (Gly1079~Ser1328)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Rat
Conjugate	No Conjugate
Immunogen	Recombinant TOP2 (Gly1079~Ser1328) 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 IHC-P; Samples: Rat Liver Tissue

IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	38259192
NCBI GeneID	360243
NCBI Accession #	NP_071519.2
NCBI GenBank Nucleotide #	NM_022183.2
UniProt Accession #	P41516
Molecular Weight	173,221 Da
NCBI Official Full Name	DNA topoisomerase 2-alpha
NCBI Official Synonym Full Names	DNA topoisomerase II alpha
NCBI Official Symbol	Top2a
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://stage.aaabiotech.com/polyclonal/topoisomerase-ii-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143693