

Anti-TOP1 antibody (1-100) (STJ114398)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

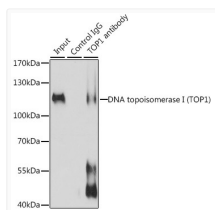
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 91kDa Observed Mw: 120kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

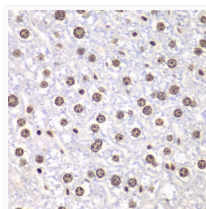
Gene ID	7150
Gene Symbol	TOP1
UniProt ID	TOP1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MSGDHLHNDSQIEADFLND SHKHDKHKDKREHRHKEHKK EKDREKSKHSNSEHKDSEKK HKEKEKTKHKDGSSEKHKDK HKDRDKEKRKEEKVRASGDA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DNA topoisomerase I (DNA topoisomerase I (TOP1)) (NP_003277.1).

ADDITIONAL INFORMATION

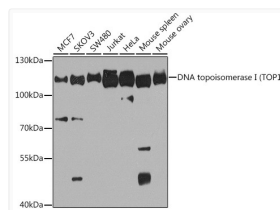
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunoprecipitation analysis of 200 Mu g extracts of Jurkat cells, using 3 Mu g DNA topoisomerase I (DNA topoisomerase I (TOP1)) antibody (STJ114398). Western blot was performed from the immunoprecipitate using DNA topoisomerase I (DNA topoisomerase I (TOP1)) antibody (STJ114398) at a dilution of 1:1000.



Immunohistochemistry analysis of DNA topoisomerase I (TOP1) in paraffin-embedded mouse liver using DNA topoisomerase I (TOP1) Rabbit polyclonal antibody (STJ114398) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using DNA topoisomerase I (TOP1) Rabbit polyclonal antibody (STJ114398) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.