

Product Datasheet

Topoisomerase I Antibody (3D4W6) NBP3-15450-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-15450-100ul**Topoisomerase I Antibody (3D4W6)**

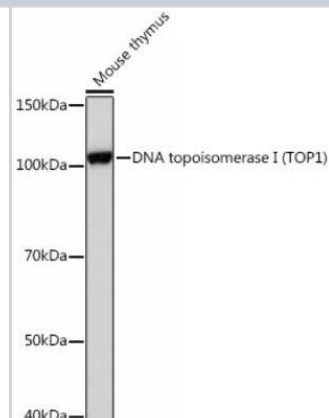
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3D4W6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	91 kDa

Product Description	
Host	Rabbit
Gene ID	7150
Gene Symbol	TOP1
Species	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Topoisomerase I (P11387). MSGDHLHNDSQLIADFRLNDSHKHKDKHKDREHRHKEHKKEKDREKSKHSNS EHKDSEKKHKEKEKTKHKDGSSEKHKDKHKDRDKEKRKEEKVRASGDA

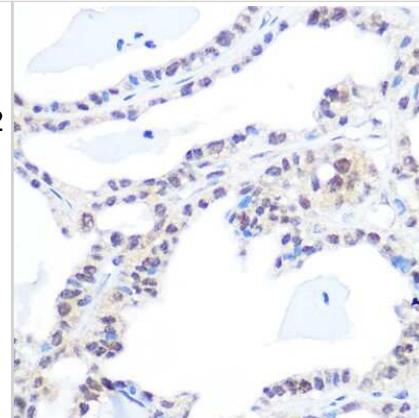
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:800, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:800

Images

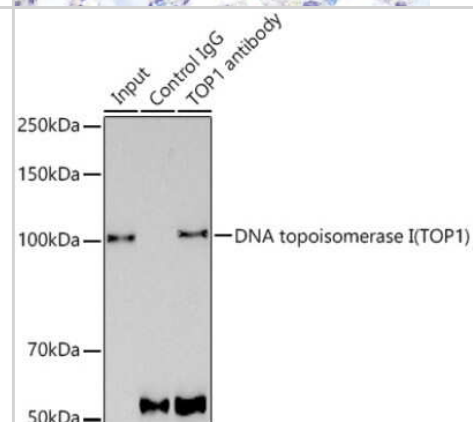
Western Blot: Topoisomerase I Antibody (3D4W6) [NBP3-15450] - Western blot analysis of extracts of Mouse thymus, using DNA topoisomerase I (Topoisomerase I) Rabbit mAb (NBP3-15450) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Immunohistochemistry-Paraffin: Topoisomerase I Antibody (3D4W6) [NBP3-15450] - Human thyroid cancer using DNA topoisomerase I (Topoisomerase I) Rabbit mAb (NBP3-15450) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



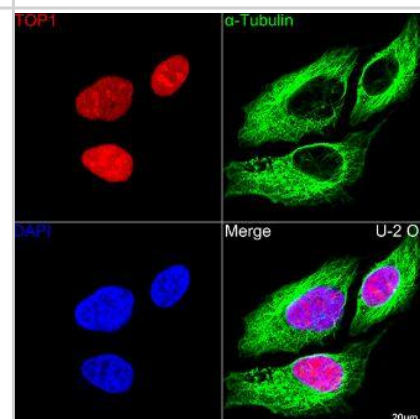
Immunoprecipitation: Topoisomerase I Antibody (3D4W6) [NBP3-15450] - Immunoprecipitation analysis of 300ug extracts of MCF7 cells using 3ug Topoisomerase I antibody (NBP3-15450). Western blot was performed from the immunoprecipitate using Topoisomerase I antibody (NBP3-15450) at a dilution of 1:1000.



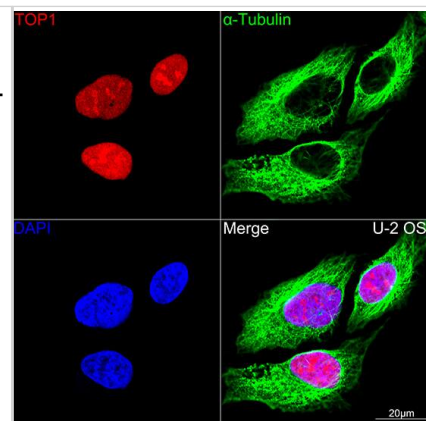
Western Blot: Topoisomerase I Antibody (3D4W6) [NBP3-15450] - Analysis of various lysates using DNA topoisomerase I (DNA topoisomerase I (TOP1)) Rabbit mAb at 1 : 1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunocytochemistry/Immunofluorescence: Topoisomerase I Antibody (3D4W6) [NBP3-15450] - Confocal imaging of U-2 OS cells using DNA topoisomerase I (TOP1) Rabbit mAb (dilution 1:100)(Red). The cells were counterstained with α -Tubulin Mouse mAb (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: Topoisomerase I Antibody (3D4W6) [Topoisomerase I] - Confocal imaging of U-2 OS cells using Topoisomerase I Rabbit mAb . The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.





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Products Related to NBP3-15450-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00007150-Q01-10ug	Recombinant Human Topoisomerase I GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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