TOP3A polyclonal antibody

Catalog: BS60749 Host: Rabbit Reactivity: Human

BackGround:

DNA topoisomerases are nuclear enzymes that regulate the topological structure of DNA by transiently breaking and rejoining DNA strands. Although DNA topoisomerase I (Topo I) and Topo II relax both positive and negative supercoils, Topo III relaxes only negative supercoils. Topo IIIα exists as a long and a short isoform, which are produced by alternative splicing. Topo IIIα, which localizes to the nucleolus, is constitutively expressed and remains at high levels throughout the cell cycle in HL-60 cells. Topo IIIβ exists as three isoforms,β-1,β -2 and β-3, also produced by alternative splicing. Topo IIIβ-1 is expressed in testis, heart, and skeletal muscle, whereas Topo IIIβ-2 is expressed in thymus, kidney and pancreas.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 112 kDa

Swiss-Prot:

Q13472

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

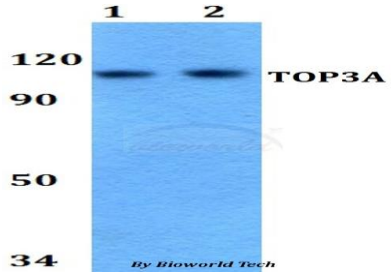
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

TOP3A polyclonal antibody detects endogenous levels of TOP3A protein.

DATA:



Western blot (WB) analysis of TOP3A polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:MCF-7 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151