

Topoisomerase II- α Recombinant antibody

Cat:B32010R

Company: Haokebio

Uniprot ID:P11388

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Topoisomerase II- α is a 170 kDa nuclear protein that plays a crucial role in DNA synthesis, RNA transcription, and chromosome segregation during mitosis. It has been reported that Topoisomerase II- α serves as a sensitive and specific marker for the S phase, G2 phase, and late M phase in normal cells undergoing transformation and developmental regulation, and it has been shown to be overexpressed in many human cancers. Decreased expression of Topoisomerase II- α is the main mechanism underlying resistance to certain chemotherapeutic drugs.

Protein full name:

topoisomerase (DNA) II alpha 170kDa

Synonyms:

1J18, DNA topoisomerase 2 alpha, DNA topoisomerase 2-alpha, EC:5.6.2.2, TOP II

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

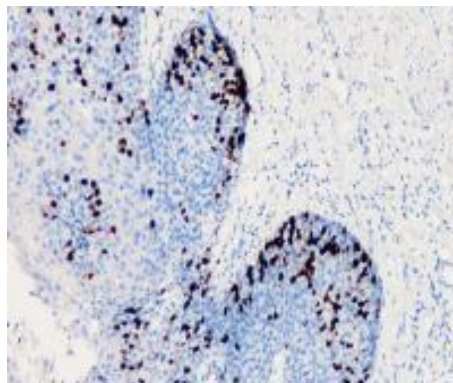
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human esophagus tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Topoisomerase II- α (B32010R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Topoisomerase II- α (B32010R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.