

Topoisomerase II- α Recombinant Rabbit Monoclonal Antibody

Cat: HKZ150134

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

Predicted Molecular Weight: 174 kDa

Background:

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

Protein full name:

Topoisomerase II- α

Synonyms:

DNA topoisomerase 2 alpha, TOP II,

Immunogen:

A synthetic peptide corresponding to amino acid residues 1431-1531 of Topo II α was used as the immunogen.

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

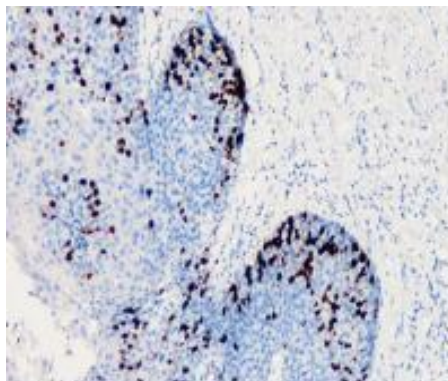
Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C - 25 °C) for 30 minutes.

Images:



Immunohistochemical results of Topoisomerase II- α labeled with HKZ150134 in esophageal tissue (formalin-fixed, paraffin-embedded sections). Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Lynch BJ, et al, Hum Pathol. 1997 Oct;28(10):1180-8.
2. Gupta D, et al, Appl Immunohistochem Mol Morphol. 2001 Sep;9(3):215-21.

Source of Reagents:

发表[中文论文]请标注: Topoisomerase II- α (HKZ150134) 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 (HKZ150134) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

