

Anti-Topoisomerase II alpha antibody [EP1102Y] - BSA and Azide free ab181828

重组 RabMAb

8 图像

概述

| | |
|-------|---|
| 产品名称 | Anti-Topoisomerase II alpha抗体[EP1102Y] - BSA and Azide free |
| 描述 | 兔单克隆抗体[EP1102Y] to Topoisomerase II alpha - BSA and Azide free |
| 宿主 | Rabbit |
| 特异性 | Please be aware that the antibody provided positive results in cell lysate samples but negative results in some tissue lysate samples. |
| 经测试应用 | <p>适用于: IHC-P, WB</p> <p>不适用于: Flow Cyt or ICC/IF</p> |
| 种属反应性 | 与反应: Mouse, Rat, Human |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 常规说明 | <p>ab181828 is the carrier-free version of ab52934.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit</p> |

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| 存储溶液 | Constituent: PBS |
| 无载体 | 是 |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | EP1102Y |
| 同种型 | IgG |

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab181828于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

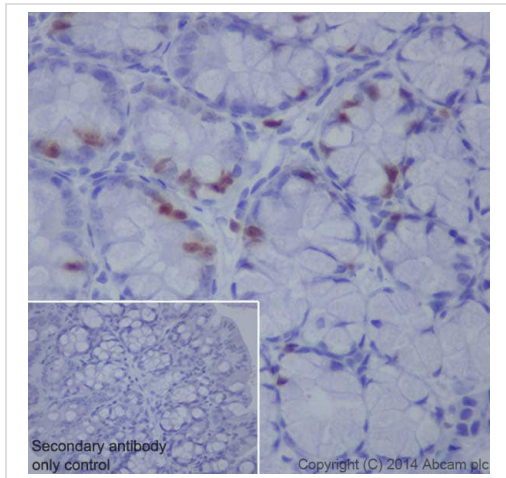
| 应用 | Ab评论 | 说明 |
|-------|------|---|
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |
| WB | | Use at an assay dependent concentration. Detects a band of approximately 174 kDa (predicted molecular weight: 174 kDa). |

应用说明 Is unsuitable for Flow Cyt or ICC/IF.

靶标

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|-------|--|
| 功能 | Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands. Topoisomerase II makes double-strand breaks. |
| 序列相似性 | Belongs to the type II topoisomerase family. |
| 翻译后修饰 | Phosphorylation has no effect on catalytic activity. |
| 细胞定位 | Cytoplasm. Nucleus > nucleoplasm. Generally located in the nucleoplasm. |

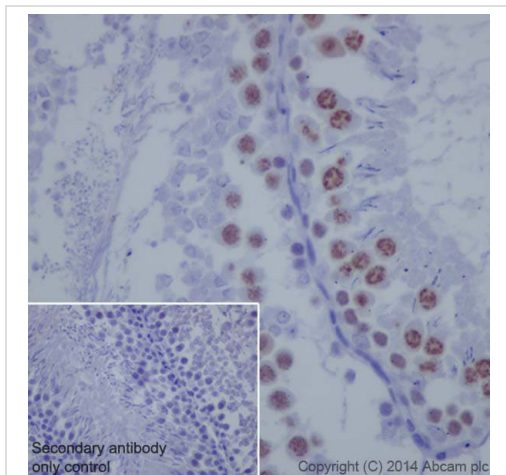
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Topoisomerase II alpha antibody [EP1102Y] - BSA and Azide free (ab181828)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat colon tissue labelling Topoisomerase II alpha with **ab52934** at a dilution of 1/8000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

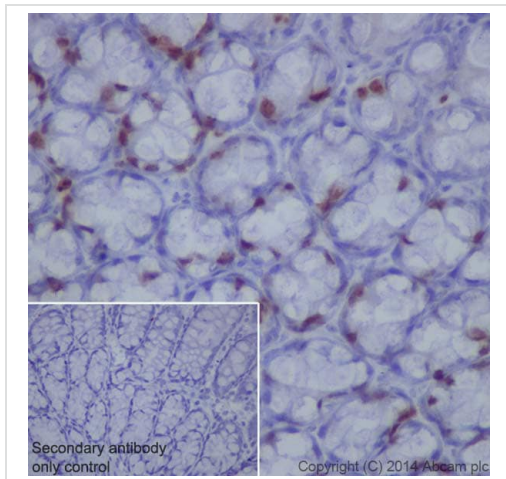
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab52934**).



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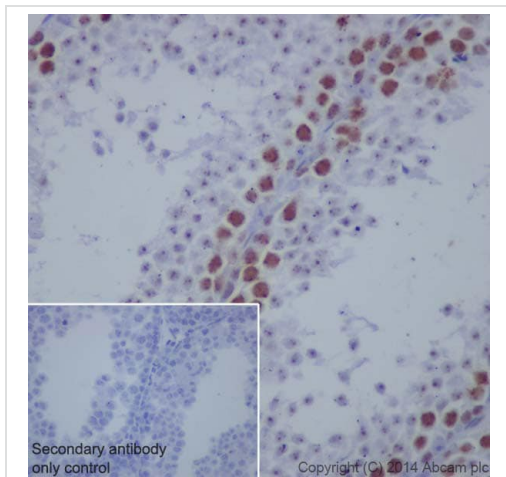
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse colon tissue labelling Topoisomerase II alpha with [ab52934](#) at a dilution of 1/8000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. [ab97051](#), a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

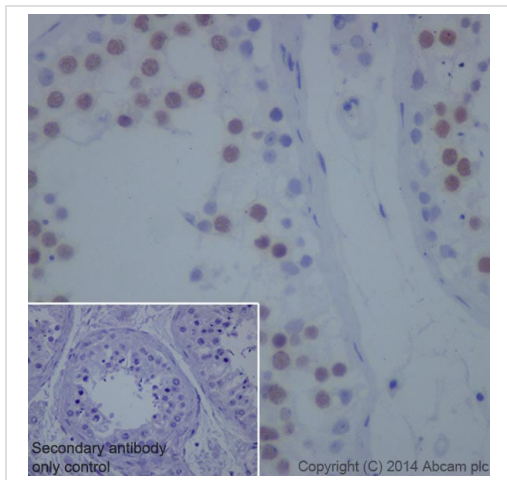
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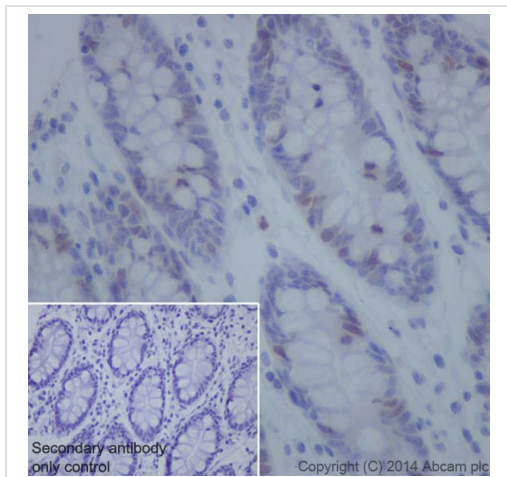
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis tissue labelling Topoisomerase II alpha with [ab52934](#) at a dilution of 1/8000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. [ab97051](#), a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

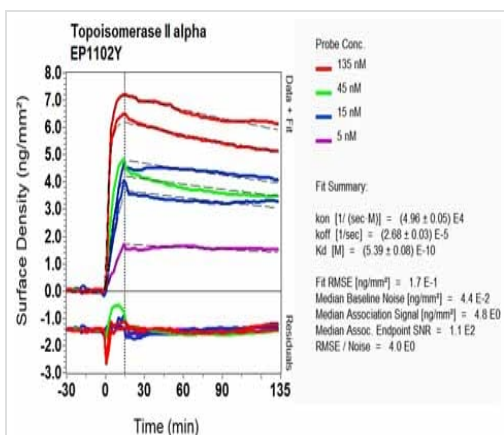
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue labelling Topoisomerase II alpha with [ab52934](#) at a dilution of 1/8000. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. [ab97051](#), a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

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SPR Scanning - Anti-Topoisomerase II alpha antibody [EP1102Y] - BSA and Azide free (ab181828)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Topoisomerase II alpha antibody [EP1102Y] - BSA and Azide free (ab181828)

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