

Anti-RNA polymerase II RPB1 antibody [EPR1509Y] - ChIP Grade ab76123

重组 RabMAb

[14 References](#) [3 图像](#)

概述

产品名称	Anti-RNA polymerase II RPB1 抗体[EPR1509Y] - ChIP Grade
描述	兔单克隆抗体[EPR1509Y] to RNA polymerase II RPB1 - ChIP Grade
宿主	Rabbit
经测试应用	适用于: WB, ChIP 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human RNA polymerase II RPB1 aa 100-200 (N terminal). The exact sequence is proprietary.
阳性对照	HeLa whole cell lysate (ab150035).
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified

克隆 单克隆
 克隆编号 EPR1509Y
 同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76123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
WB		1/500 - 1/1000. Detects a band of approximately 270 kDa (predicted molecular weight: 217 kDa).
ChIP		Use at an assay dependent concentration.

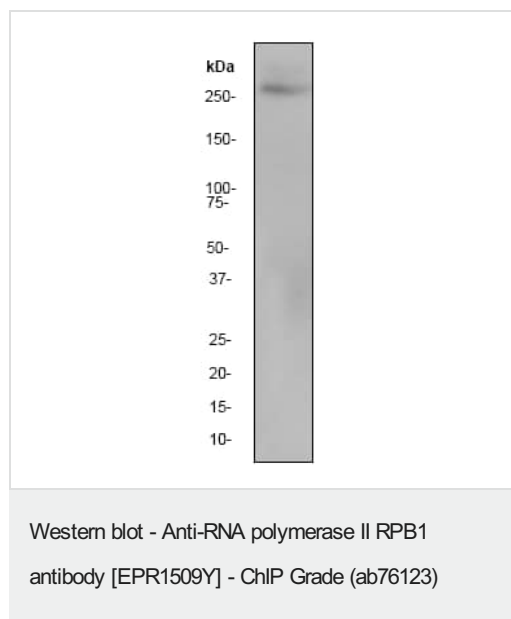
应用说明 Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

靶标

相关性 RPB1 is a subunit of RNA polymerase II which catalyses transcription of RNA from DNA. RPB1 forms the polymerase active center together with the second largest subunit. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB1 is part of the core element with the central large cleft, the clamp element that moves to open and close the cleft and the jaws that are thought to grab the incoming DNA template.

细胞定位 Nuclear

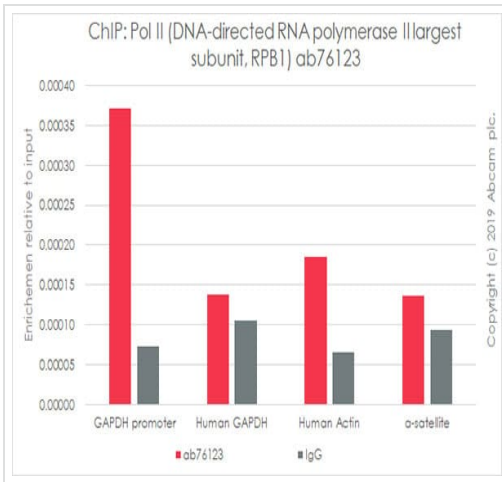
图片



Anti-RNA polymerase II RPB1 antibody [EPR1509Y] - ChIP Grade (ab76123) at 1/2000 dilution + HeLa cell lysate at 10 µg

Secondary
 Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 217 kDa
Observed band size: 270 kDa



ChIP - Anti-RNA polymerase II RPB1 antibody
[EPR1509Y] - ChIP Grade (ab76123)

Chromatin was prepared from 293T cells according to the Abcam Dual-X-ChIP protocol*. Cells were fixed with 1.5 mM EGS for 30mins and then formaldehyde for 10min.

The ChIP was performed with 25 µg of chromatin, 5 µg of ab76123 (red), or 5 µg of rabbit normal IgG **ab172730** (gray) and 20 µl of Protein A/G sepharose beads. The immunoprecipitated DNA was quantified by real time PCR (Taqman approach for active and inactive loci, Sybr green approach for heterochromatic loci).

Primers and probes are commercial primers from Paper

*[http://www.abcam.com/resources?](http://www.abcam.com/resources?keywords=X%20ChIP%20protocol)

keywords=X%20ChIP%20protocol

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-RNA polymerase II RPB1 antibody [EPR1509Y]
- ChIP Grade (ab76123)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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