

# Anti-Histone H1.3 antibody ab24174

★★★★★ [1 Abreviews](#) [13 References](#) [3 图像](#)

### 概述

产品名称	Anti-Histone H1.3抗体
描述	兔多克隆抗体to Histone H1.3
宿主	Rabbit
经测试应用	适用于: IHC-P, ICC/IF, WB
种属反应性	与反应: Human, Recombinant fragment
免疫原	Synthetic peptide: LAPTIPAPAEKTPVKKKAKKAGATAGK -C , corresponding to N terminal amino acids 7-33 of Human Histone H1.3 <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: 20% Glycerol
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab24174于以下的经测试应用

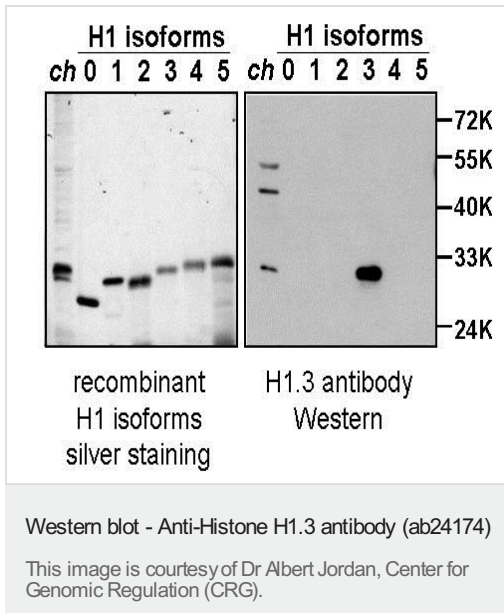
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/50.
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 27 kDa (predicted molecular weight: 22 kDa). H1.3 is present in many human cell lines. Cross-reacts with bands of approx. 52kDa and 45kDa in nuclear extracts of T47D cell line.

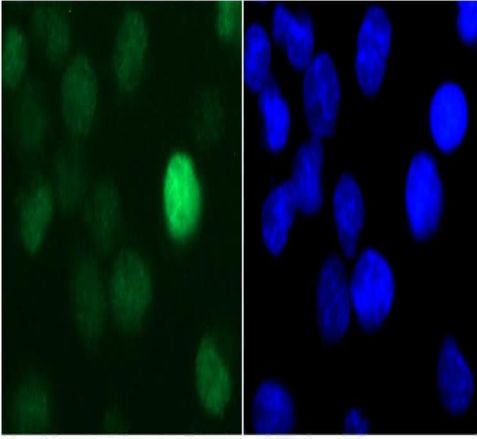
## 靶标

功能	Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.
序列相似性	Belongs to the histone H1/H5 family. Contains 1 H15 (linker histone H1/H5 globular) domain.
细胞定位	Nucleus. Chromosome.

## 图片



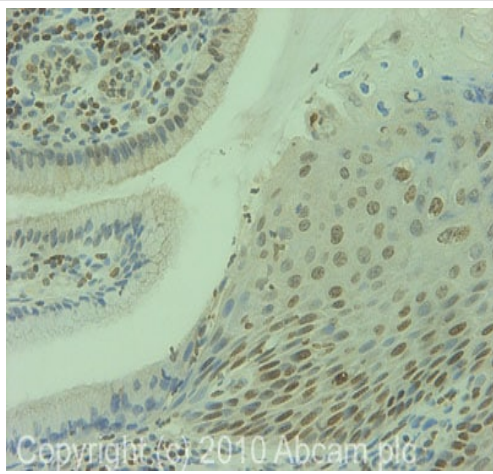
Rabbit polyclonal to Histone H1.3 against recombinant human H1 isoforms H1.0 to H1.5 as depicted in the figure or a chromatin preparation (ch) from a breast cancer cell line. Notice that extra bands are present/detected in the chromatin preparation.



Immunocytochemistry/ Immunofluorescence - Anti-Histone H1.3 antibody (ab24174)

This image is courtesy of Katia Ancelin

Human 293T cells fixed in 4% paraformaldehyde were immunostained with ab24174 (1/200) for Histone H1.3 and detected using FITC labelled anti-rabbit (Green). Nuclear DNA is stained blue with DAPI.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Histone H1.3 antibody (ab24174)

IHC image of ab24174 staining in human cervical carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab24174, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors