



## Product datasheet

### Anti-Histone H1.5 antibody ab24175

★☆☆☆☆ [1 Abreviews](#) [15 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-Histone H1.5 antibody
<b>Description</b>	Rabbit polyclonal to Histone H1.5
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody is specific for Histone H1.5. Reacts with histone H1 acid-extracted from cell lines such as breast cancer cell line T47D. Also recognizes H1 in a nuclear extract or chromatin preparation. H1.5 is present in many human cell lines.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide: AETATPAPVEKSPA KKKATKKAAGAGAAK -C , corresponding to N terminal amino acids 7-35 of Human Histone H1.5 <a href="#"> <u>Run BLAST with</u></a> <a href="#"> <u>Run BLAST with</u></a>
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituent: 8% Glycerol
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab24175 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 33 kDa (predicted molecular weight: 22 kDa).

## Target

### Function

Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.

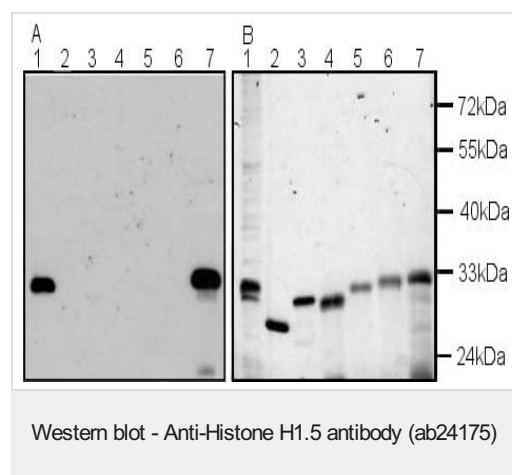
### Sequence similarities

Belongs to the histone H1/H5 family.  
Contains 1 H15 (linker histone H1/H5 globular) domain.

### Cellular localization

Nucleus. Chromosome.

## Images



All lanes : Histone H1.5 antibody (ab24175)

Lane 1 : Chromatin preparation from a breast cancer cell line

Lane 2 : recombinant human H1.0

Lane 3 : recombinant human H1.1

Lane 4 : recombinant human H1.2

Lane 5 : recombinant human H1.3

Lane 6 : recombinant human H1.4

Lane 7 : recombinant human H1.5

Panel B is a silver stain of the gel in panel A.

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Lane 7 : recombinant human H1.5

Panel B is a silver stain of the gel in panel A.

**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**

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- 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.com/abpromise> or contact our technical team.

### **Terms and conditions**

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