

Product datasheet

Anti-Histone H1.3 + Histone H1.4 antibody ab61177

★★★★★ [2 Abreviews](#) [11 References](#) [4 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-Histone H1.3 + Histone H1.4 antibody |
| Description | Rabbit polyclonal to Histone H1.3 + Histone H1.4 |
| Host species | Rabbit |
| Specificity | This antibody detects both Histone H1.3 and Histone H1.4. |
| Tested applications | Suitable for: IHC-P, WB, ICC/IF |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide within Human Histone H1.3 aa 1-100. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. |

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

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

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| Storage buffer | pH: 7 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride |
| | Without Mg2+ and Ca2+ |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab61177 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 |
|-------------|-----------|--|
| IHC-P | | Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB | ★★★★★ (1) | 1/500 - 1/1000. |
| ICC/IF | | 1/500 - 1/1000. |

Target

Cellular localization

Histone H1.3: Nucleus. Chromosome. Histone H1.4: Nucleus. Chromosome.

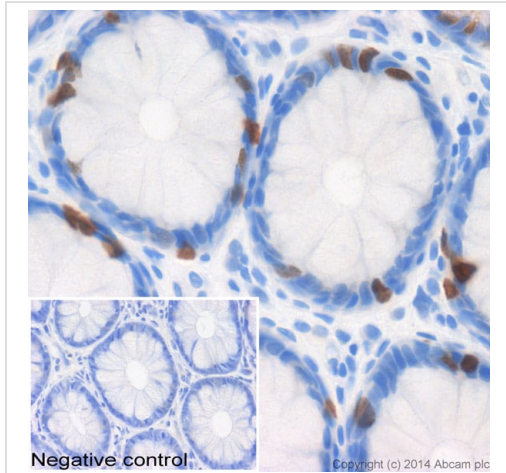
Images



All lanes : Anti-Histone H1.3 + Histone H1.4 antibody (ab61177)

Lane 1 : HepG2 (human liver hepatocellular carcinoma cell line)
whole cell lysate

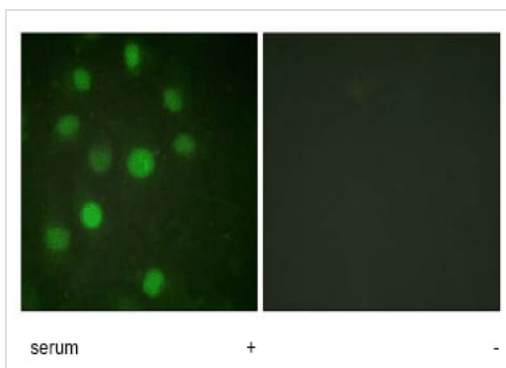
Lane 2 : HepG2 whole cell lysate with blocking peptide



IHC image of ab61177 staining Histone H1.3 + Histone H1.4 in human colon formalin fixed paraffin embedded tissue sections, performed on a Leica Bond. 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 ab61177, 1µg/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. No primary antibody was used in the negative control (shown on the inset).

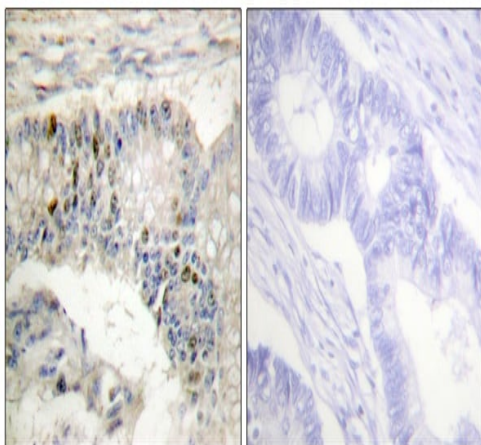
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Histone H1.3 + Histone H1.4 antibody (ab61177)

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.



ab61177 at 1/500 - 1/1000 dilution staining Histone H1.3 + Histone H1.4 in HuvEc cells, treated with serum (20%, 15mins) by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Histone H1.3 + Histone H1.4 antibody (ab61177)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Histone H1.3 + Histone H1.4 antibody (ab61177)

Paraffin-embedded human colon carcinoma tissue stained for Histone H1.3 + Histone H1.4 with ab61177 at 1/50 dilution in immunohistochemical analysis.

The sample in the right-hand panel is incubated with the immunizing peptide.

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

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