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Datasheet for ABIN7181469

## anti-Histone H1.5 antibody (AA 184-196)

### 1 Image

#### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL                                      |
| Target:              | Histone H1.5 (HIST1H1B)                     |
| Binding Specificity: | AA 184-196                                  |
| Reactivity:          | Human                                       |
| Host:                | Rabbit                                      |
| Clonality:           | Polyclonal                                  |
| Conjugate:           | This Histone H1.5 antibody is un-conjugated |
| Application:         | ELISA, Immunohistochemistry (IHC)           |

#### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Synthesized peptide derived from Human Histone H1.5 protein (184-196aa) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Antigen Affinity Purified   |

#### Target Details

|                   |   |
|-------------------|---|
| Target:           | Histone H1.5 (HIST1H1B)   |
| Alternative Name: | HIST1H1B ( <a href="#">HIST1H1B Products</a> )  |
| Background:       | Background: Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the |

## Target Details

condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).

Aliases: Histone H1.5 (Histone H1a) (Histone H1b) (Histone H1s-3), HIST1H1B, H1F5

UniProt: [P16401](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:10-1:100,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

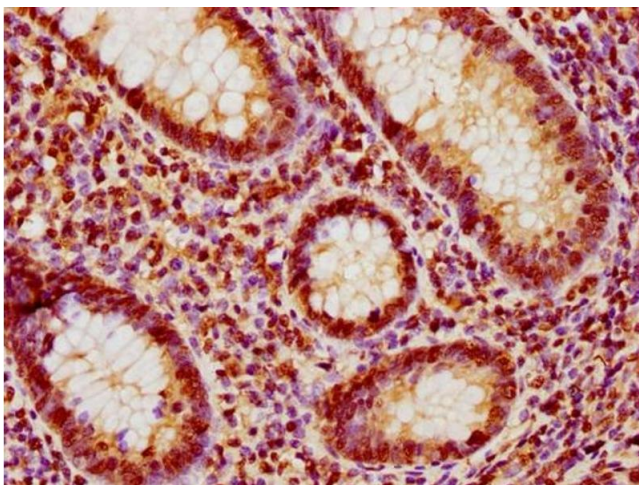
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** IHC image of nphHU diluted at 1:10 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.