# Datasheet: AHP419

| | |
|---|---|
| **Description:** | RABBIT ANTI HISTONE H2A (Ac5) |
| **Specificity:** | HISTONE H2A Ac5 |
| **Format:** | Serum |
| **Product Type:** | Polyclonal Antibody |
| **Isotype:** | Polyclonal IgG |
| **Quantity:** | 0.1 ml |

## Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|---|---|---|---|---|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | ▪ | | | |
| ELISA | ▪ | | | 1/400 |
| Immunoprecipitation | ▪ | | | |
| Western Blotting | ▪ | | | 1/800 |
| Immunofluorescence | ▪ | | | 1/1000 |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**

Synthetic Peptide

**Species Cross Reactivity**

Reacts with: Mammals
**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form**

Serum - liquid

**Antiserum Preparation**

Antisera to acetylated histone H2A were raised by repeated immunisation of rabbits with highly purified antigen.

**Preservative Stabilisers**

<0.02% Sodium Azide

**Immunogen**

Ovalbumin-conjugated peptide: NSGRGAcKQGGKYCc

**External Database Links**

**UniProt:**
Q96QV6 Related reagents

**Entrez Gene:**

221613 HIST1H2AA Related reagents

| | |
|---|---|
| **Synonyms** | H2AFR |
| **Specificity** | **Rabbit anti Histone "A (Ac5) antibody** recognizes Histone H2A acetylated at lysine 5. |
| **References** | 1. Belyaev, N.D. *et al*. (1996) Differential underacetylation of histones H2A, H3 and H4 on the inactive X chromosome in human female cells. Hum. Genet. 97: 573-578.<br>2. Kim, S.H. *et al*. (2000) Pepsin-Mediated Processing of the cytoplasmic Histone H2A to strong antimicrobial peptide buforin I. J. Immunol. 165: 3268-3274. |
| **Storage** | Store at +4°C or at -20°C if preferred.<br><br>This product should be stored undiluted.<br><br>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| **Shelf Life** | 18 months from date of despatch. |
| **Health And Safety Information** | Material Safety Datasheet documentation available at:<br>Material Safety Datasheet Documentation #10081 available at:<br>https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf |
| **Regulatory** | For research purposes only |

# Related Products

## Recommended Secondary Antibodies

| | |
|---|---|
| Sheep Anti Rabbit IgG (2AB02...) | Biotin |
| Sheep Anti Rabbit IgG (STAR34...) | FITC |
| Sheep Anti Rabbit IgG (STAR35...) | RPE |
| Goat Anti Rabbit IgG (H/L) (STAR124...) | HRP |
| Sheep Anti Rabbit IgG (STAR54...) | HRP |
| Goat Anti Rabbit IgG (Fc) (STAR121...) | Biotin, FITC, HRP |
| Sheep Anti Rabbit IgG (STAR36...) | DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800 |

## Recommended Useful Reagents

TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)


**North & South America** Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

**Worldwide** Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

**Europe** Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com


'M310186:170914'

**Printed on 14 Sep 2017**