

Datasheet for ABIN1868385  
**anti-HIST2H2AA3 antibody (Biotin)**



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## Overview

|              |                                                                              |
|--------------|------------------------------------------------------------------------------|
| Quantity:    | 200 µL                                                                       |
| Target:      | HIST2H2AA3                                                                   |
| Reactivity:  | Human                                                                        |
| Host:        | Rabbit                                                                       |
| Clonality:   | Polyclonal                                                                   |
| Conjugate:   | This HIST2H2AA3 antibody is conjugated to Biotin                             |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

|               |                                                                                                                                                                                            |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Biotin-Linked Polyclonal Antibody to Histone Cluster 2, H2aa3 (HIST2H2AA3)                                                                                                                 |
| Immunogen:    | The antibody is a rabbit polyclonal antibody raised against HIST2H2AA3 conjugated to biotin.                                                                                               |
| Isotype:      | IgG                                                                                                                                                                                        |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against HIST2H2AA3. It has been selected for its ability to recognize HIST2H2AA3 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                     |

## Target Details

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Target:           | HIST2H2AA3                                                              |
| Alternative Name: | Histone Cluster 2, H2aa3 ( <a href="#">HIST2H2AA3 Products</a> )        |
| Background:       | H2AFO, HIST2H2AA, H2A.2, H2A/q, HIST2H2AA4, H2A Histone Family Member O |

## Target Details

Pathways: [Telomere Maintenance](#)

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100<br>Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration:     | 500 µg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative:      | Sodium azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Precaution of Use: | WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing. |
| Handling Advice:   | Avoid repeated freeze/thaw cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage:           | 4 °C, -20 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                          |
| Expiry Date:       | 12 months                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |