

**Histone H2A-Bbd Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56698****Specification**

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**Histone H2A-Bbd Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, IHC-F, IF, ICC  |
| Primary Accession | <a href="#">POC5Z0</a> |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 12713                  |

**Histone H2A-Bbd Polyclonal Antibody - Additional Information****Gene ID** 474381;83740**Other Names**

Histone H2A-Bbd type 2/3, H2A Barr body-deficient, H2A.Bbd, H2AB2 ([HGNC:18298](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18298))

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Histone H2A-Bbd Polyclonal Antibody - Protein Information****Name** H2AB2 ([HGNC:18298](#))**Function**

Atypical histone H2A which can replace conventional H2A in some nucleosomes and is associated with active transcription and mRNA processing. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. Nucleosomes containing this histone are less rigid and organize less DNA than canonical nucleosomes in vivo. They are enriched in actively transcribed genes and associate with the elongating form of RNA polymerase. They associate with spliceosome components and are required for mRNA splicing. May participate in spermatogenesis.

**Cellular Location**

Nucleus. Chromosome Note=Associated with the active X chromosome and with autosomes, while it is absent from the inactive X chromosome and excluded from Barr bodies.

**Tissue Location**

Present in mature sperm.

## **Histone H2A-Bbd Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Histone H2A-Bbd Polyclonal Antibody - Images**