10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# HIST1H2AG Antibody (Center)

**Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP20584c**

## Specification

### HIST1H2AG Antibody (Center) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | P0C0S8 |
| Other Accession | P84051, P27661, P16104, Q7ZUY3, A9UMV8, Q8R1M2, Q4R3X5, Q9BTM1, P70082, Q3ZBX9, Q00728, P02263, Q4FZT6, Q8BFU2, Q7L7L0, P35062, P04912, Q64523, Q16777, A1A4R1, Q64522, Q8IUE6, P0CC09, Q6GSS7, Q6FI13, P04911, P06897, P02262, P22752, P0C0S9, Q8CGP7, Q99878 |
| Reactivity | **Human, Mouse** |
| Predicted | **Rat, Bovine, Xenopus, Yeast, Chicken, Monkey, Zebrafish, Drosophila** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **14091** |

### HIST1H2AG Antibody (Center) - Additional Information

**Gene ID** 8329;8330;8332;8336;8969

**Other Names**
Histone H2A type 1, H2A1, Histone H2A/p, HIST1H2AG, H2AFP

**Target/Specificity**
This HIST1H2AG antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 63-87 amino acids from the Central region of human HIST1H2AG.

**Dilution**
WB~~1:2000

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
HIST1H2AG Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### HIST1H2AG Antibody (Center) - Protein Information

**Name** H2AC11 (HGNC:4737)

**Synonyms** H2AFP, HIST1H2AG

**Function** Core component of nucleosome. 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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

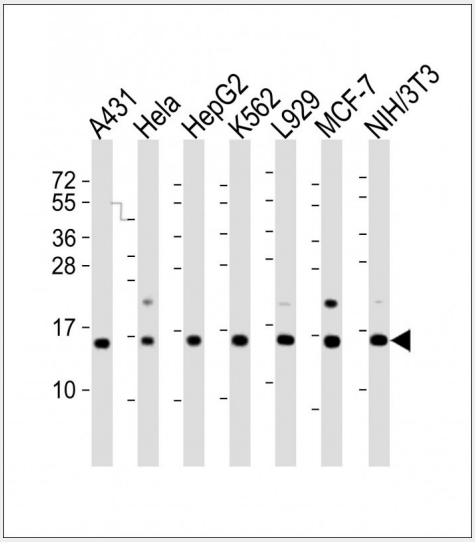
**Cellular Location**
Nucleus. Chromosome.

## HIST1H2AG Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## HIST1H2AG Antibody (Center) - Images




All lanes : Anti-HIST1H2AG Antibody (Center) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: K562 whole cell lysate Lane 5: L929 whole cell lysate Lane 6: MCF-7 whole cell lysate Lane 7: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## HIST1H2AG Antibody (Center) - Background

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stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**HIST1H2AG Antibody (Center) - References**

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