

# HIST1H2AG (Ab-36) Antibody



PACO56644

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IF, CHIP

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:200-1:2000,  
IHC:1:20-1:200, IF:1:50-1:200

**Protein Background:**

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.

**Gene ID:**

HIST1H2AG

**Uniprot**

POC0S8

**Synonyms:**

Histone H2A type 1 (H2A.1) (Histone H2A/ptl), HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM, H2AFP; H2AFC; H2AFD; H2AFI; H2AFN

**Immunogen:**

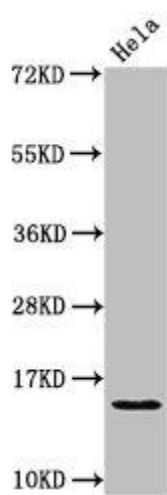
Peptide sequence around site of Lys (36) derived from Human Histone H2A type 1.

**Storage:**

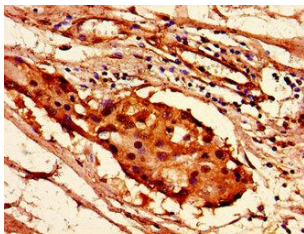
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

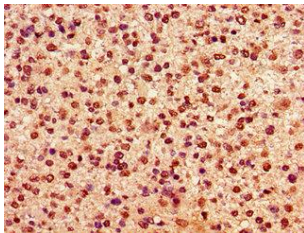
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Western Blot. Positive WB detected in: HeLa whole cell lysate. All lanes: HIST1H2AG antibody at 1.25 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 15 kDa. Observed band size: 15 kDa.



Immunohistochemistry of paraffin-embedded human breast cancer using PACO56644 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human glioma using PACO56644 at dilution of 1:100.