

## Anti-Histone H2A Antibody Product Manual

**Cat No: GPA6462**

Source: Rabbit

Reactivity: H, M, R, B, C, Mk

Applications: WB, IH

\*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

\*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

### Datasheet

Description: Rabbit polyclonal antibody to Histone H2A

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Histone H2A. The exact sequence is proprietary.

Purification: The antibody was purified by immunogen affinity chromatography.

Clonality: Polyclonal

Form: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200)

Gene Symbol: HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM

Alternative Names: H2AFP; H2AFC; H2AFD; H2AFI; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p

Entrez Gene (Human): 8329; 8330; 8332; 8336; 8969;

Entrez Gene (Mouse): 319164; 319165; 319166; 319167; 319170; 319171; 319172; 319191; 665433;

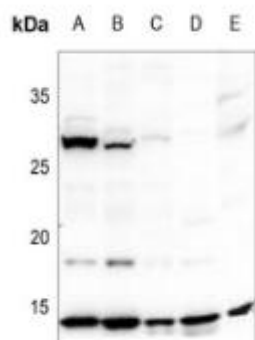
SwissProt (Human): P0C0S8;

SwissProt (Mouse): P22752;

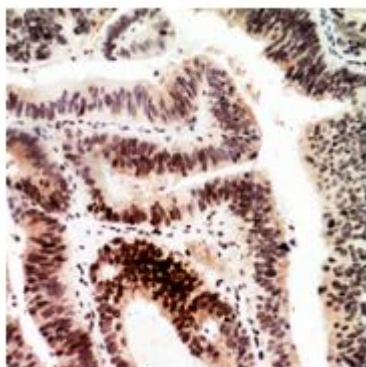
SwissProt (Rat): P02262;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

## Validation



Western blot analysis of Histone H2A expression in U87MG (A), A549 (B), SGC7901 (C), rat lung (D), mouse brain (E) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 14 kD)



Immunohistochemical analysis of Histone H2A staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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