

HIST1H2AH antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14586**Specification**

HIST1H2AH antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O96KK5
Other Accession	NM_080596 , NP_542163
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rabbit
Clonality	Rabbit
Calculated MW	Polyclonal 14kDa kDa

HIST1H2AH antibody - C-terminal region - Additional Information**Gene ID** 85235**Alias Symbol** H2A/S, H2AFALii, MGC171151, dJ86C11.1
Other Names
Histone H2A type 1-H, Histone H2A/s, HIST1H2AH, HIST1H2AI**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-HIST1H2AH antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

HIST1H2AH antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HIST1H2AH antibody - C-terminal region - Protein Information**Name** H2AC12 ([HGNC:13671](#))**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

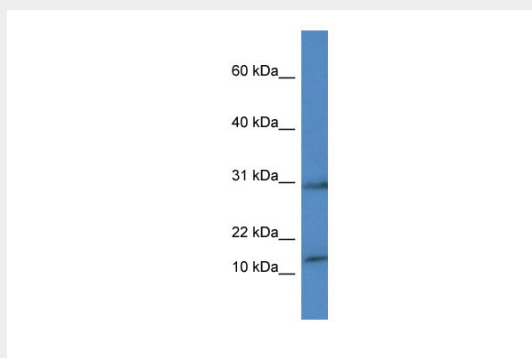
Nucleus. Chromosome.

HIST1H2AH antibody - C-terminal region - 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](#)

HIST1H2AH antibody - C-terminal region - Images



WB Suggested Anti-HIST1H2AH Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell

HIST1H2AH antibody - C-terminal region - References

Marzluff W.F., et al. Genomics 80:487-498(2002).
Mungall A.J., et al. Nature 425:805-811(2003).
Aihara H., et al. Genes Dev. 18:877-888(2004).
Zhang Y., et al. J. Biol. Chem. 279:21866-21872(2004).
Wang H., et al. Nature 431:873-878(2004).