

HIST1H2AH antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14586

Product Information

Application	WB
Primary Accession	Q96KK5
Other Accession	NM_080596 , NP_542163
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13906

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.

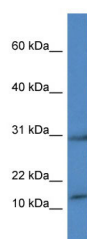
Protein Information

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.

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.