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HIST1H2AE antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14597

Product Information

Application	WB
Primary Accession	Q7L7L0
Other Accession	NM_021052, NP_066390
Reactivity	Human, Rat, Pig, Bovine
Predicted	Human, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14121

Additional Information

Gene ID	92815
Alias Symbol	H2A.1, H2A.2, H2A/a, H2AFA, HIST1H2AB
Other Names	Histone H2A type 3, HIST3H2A
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-HIST1H2AE 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	HIST1H2AE antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

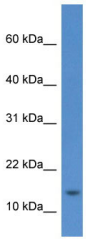
Protein Information

Name	H2AC25 (HGNC:20507)
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).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Aihara H.,et al.Genes Dev. 18:877-888(2004).

Images



WB Suggested Anti-HIST1H2AE Antibody Titration: 1.0 µg/ml
Positive Control: RPMI-8226 Whole Cell

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