

# HIST1H2BM Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20687c

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q99879</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50083
Calculated MW	13989

## Additional Information

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Gene ID	8342
Other Names	Histone H2B type 1-M, Histone H2Be, H2B/e, HIST1H2BM, H2BFE
Target/Specificity	This HIST1H2BM antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 44-78 amino acids from the Central region of human HIST1H2BM.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HIST1H2BM Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	H2BC14 ( <a href="#">HGNC:4750</a> )
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.

## Background

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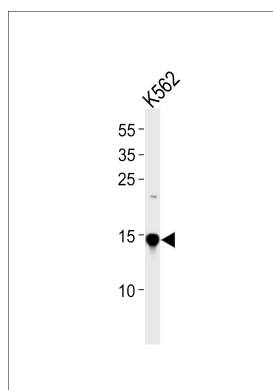
## References

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Marzluff W.F.,et al.Genomics 80:487-498(2002).  
Mungall A.J.,et al.Nature 425:805-811(2003).  
Lubec G.,et al.Submitted (MAR-2007) to UniProtKB.  
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## Images

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Western blot analysis of lysate from K562 cell line, using HIST1H2BM Antibody (Center)(Cat. #AP20687c). AP20687c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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