

**HIST1H2BM Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20679a****Specification**

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**HIST1H2BM Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q99879</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	13989
Antigen Region	10-44

**HIST1H2BM Antibody (N-term) - Additional Information****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 10-44 amino acids from the N-terminal 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 (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HIST1H2BM Antibody (N-term) - Protein Information****Name** H2BC14 ([HGNC:4750](#))**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**

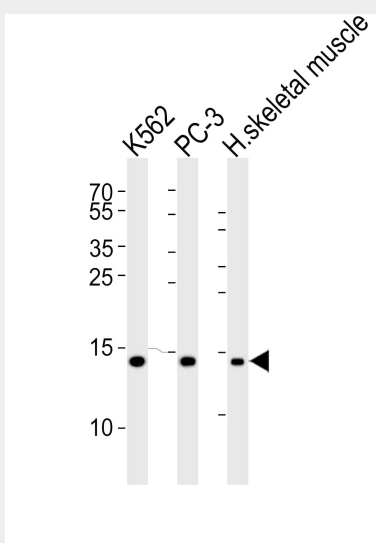
Nucleus. Chromosome.

### **HIST1H2BM Antibody (N-term) - 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](#)

### **HIST1H2BM Antibody (N-term) - Images**



Western blot analysis of lysates from K562, PC-3 cell line and human skeletal muscle tissue lysate(from left to right), using HIST1H2BM Antibody (N-term)(Cat. #AP20679a). AP20679a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

### **HIST1H2BM Antibody (N-term) - Background**

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.

### **HIST1H2BM Antibody (N-term) - 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).  
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Cheung W.L.,et al.Cell 113:507-517(2003).