

**HIST2H3A Antibody(C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19659b**

**Specification**

**HIST2H3A Antibody(C-term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">Q71D13</a>
Other Accession	<a href="#">P02299</a> , <a href="#">P08898</a> , <a href="#">P02302</a> , <a href="#">P02301</a> , <a href="#">Q6NXT2</a> , <a href="#">Q6PI79</a> , <a href="#">P84245</a> , <a href="#">P84246</a> , <a href="#">Q71LE2</a> , <a href="#">P84244</a> , <a href="#">P84243</a> , <a href="#">P84249</a> , <a href="#">Q6PI20</a> , <a href="#">P84247</a> , <a href="#">Q5E9F8</a> , <a href="#">Q10453</a> , <a href="#">P84233</a> , <a href="#">P84228</a> , <a href="#">Q4QRF4</a> , <a href="#">P84229</a> , <a href="#">P84227</a> , <a href="#">Q6LED0</a> , <a href="#">P68433</a> , <a href="#">P68431</a> , <a href="#">P68432</a> , <a href="#">Q16695</a> , <a href="#">NP_066403.2</a> , <a href="#">C0HL66</a> , <a href="#">C0HL67</a>
Reactivity Predicted	<b>Human</b> <b>Bovine, Mouse,</b> <b>Rat, Chicken,</b> <b>Zebrafish,</b> <b>Xenopus,</b> <b>C.Elegans,</b> <b>Drosophila, Pig,</b> <b>Rabbit</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Calculated MW	<b>15388</b>
Antigen Region	<b>108-136</b>

**HIST2H3A Antibody(C-term) - Additional Information**

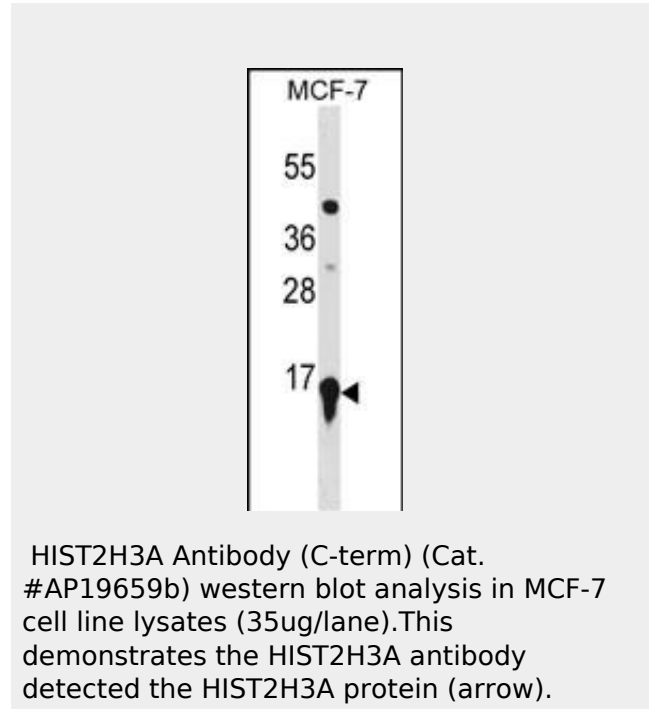
**Gene ID** 126961;333932;653604

**Other Names**

Histone H32, Histone H3/m, Histone H3/o, HIST2H3A

**Target/Specificity**

This HIST2H3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-136 amino



**HIST2H3A Antibody(C-term) - Background**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the

acids from the C-terminal region of human HIST2H3A.

**Dilution**

WB~~1:1000

**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**

HIST2H3A Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HIST2H3A Antibody(C-term) - Protein Information**

**Name** H3C15 ([HGNC:20505](#))

**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.

cluster that are duplicated; this record represents the telomeric copy. [provided by RefSeq].

**HIST2H3A Antibody(C-term) - References**

Neumann, H., et al. Mol. Cell 36(1):153-163(2009)  
Hurd, P.J., et al. J. Biol. Chem. 284(24):16575-16583(2009)  
Yuan, J., et al. Cell Cycle 8(11):1747-1753(2009)  
Chang, Q., et al. J. Hepatol. 50(2):323-333(2009)  
Kobza, K., et al. BMB Rep 41(4):310-315(2008)

**HIST2H3A Antibody(C-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](#)