10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# MonoMethyl-Histone H2B (Lys116) Rabbit mAb

Catalog # AP78753

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P, IF, ICC |
| **Primary Accession** | Q16778 |
| **Reactivity** | Rat, Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Monoclonal Antibody |
| **Isotype** | IgG |
| **Conjugate** | Unconjugated |
| **Immunogen** | A synthesized peptide derived from human Histone H2B (mono methyl K116) |
| **Purification** | Affinity Chromatography |
| **Calculated MW** | 13920 |

## Additional Information

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|---|---|
| **Gene ID** | 8349 |
| **Other Names** | H2BC21 |
| **Dilution** | WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A |
| **Format** | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Protein Information

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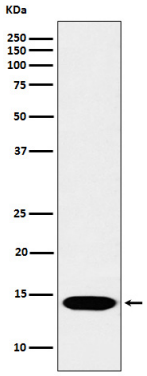
|---|---|
| **Name** | H2BC21 ( HGNC:4760) |
| **Function** | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, 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. |

## Images

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