



Histone H3 Rabbit mAb

Catalog No	YP-Ab-17843
Isotype	IgG/Kappa
Reactivity	Human,Mouse,Rat
Applications	WB,IHC-P
Gene Name	H3C1
Alternative Names	Histone H3.1
Research Field	Epigenetics
Product Categories	Primary Antibodies
Host	Rabbit
Molecular Weight	Calculated MW: 15 kDa; Observed MW:15 kDa
Clonality	Monoclonal Antibody
Clonality No.	R04-7Z-3
Dilution	WB: 1/1000-1/5000, IHC-P: 1/50-1/100
Immunogen	Peptide
Purification	Protein A
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	Liquid in PBS, Glycerol and BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Background	Modulation of chromatin structure plays an important role in the regulation of transcription in eukaryotes. The nucleosome, made up of DNA wound around eight core histone proteins (two each of H2A, H2B, H3, and H4), is the primary building block of chromatin. Histone H3 is primarily acetylated at Lys9, 14, 18, 23, 27, and 56. Acetylation of H3 at Lys9 appears to have a dominant role in histone deposition and chromatin assembly in some organisms. Phosphorylation at Ser10, Ser28, and Thr11 of histone H3 is tightly correlated with chromosome condensation during both mitosis and meiosis.



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

