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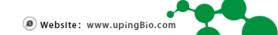
## Histone H3 (citrulline R2 + R8 + R17) rabbit pAb

YP-Ab-10571
IgG
Human; Mouse;Rat
WB
HIST1H3A H3FA; HIST1H3B H3FL; HIST1H3C H3FC; HIST1H3D H3FB; HIST1H3E H3FD; HIST1H3F H3FI; HIST1H3G H3FH; HIST1H3H H3FK; HIST1H3I H3FF; HIST1H3J H3FJ
Histone H3 (citrulline R2 + R8 + R17)
Synthesized peptide derived from human Histone H3 (citrulline R2 + R8 + R17)
This antibody detects endogenous levels of Histone H3 (citrulline R2 + R8 + R17) at Human, Mouse,Rat
Liquid in PBS containing 50% glycerol, and 0.227% sodium azide.
Polyclonal, Rabbit,IgG
The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
WB 1:500-2000
1 mg/ml
≥90%
-20°C/1 year
Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/l)
Nucleus. Chromosome.
Blood, Epithelium, Kidney, Lung, Ovary, Spleen, Uterus,
caution:Was originally (PubMed:2587222) thought to originate from mouse.,developmental stage:Expressed during S phase, then expression strongly decreases as cell division slows down during the process of differentiation.,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.,mass spectrometry:Monoisotopic with N-acetylserine PubMed:16457589,miscellaneous:This histone is only present in mammals and is enriched in acetylation of Lys-15 and dimethylation of Lys-10



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(H3K9me2).,PTM:Acetylation is generally I

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 replication-dependent histone that is 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 the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],
matters needing	Avoid repeated freezing and thawing!

**Usage suggestions** 

attention

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

Products Images