Histone H3 (phospho Ser10) rabbit pAb

NB-66-01661-100µL

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Cat No.:NB-66-01661-100µL

For research use only

Overview

Product Name	Histone H3 (phospho Ser10) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IHC-f;Flow Cyt;ICC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Drosophila melanogaster
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC: 1/100 - 1/300. ICC/IF: 1/200 - 1/1000. ELISA: 1/10000. IHC-f,Flow Cyt 1:500
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H3.1 around the phosphorylation site of Ser10. AA range:1-50
Specificity	Phospho-Histone H3 (S10) Polyclonal Antibody detects endogenous levels of Histone H3 protein only when phosphorylated at S10.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	Histone H3.1
Gene Name	HIST1H3A
Cellular localization	Nucleus. Chromosome.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	15kD
Human Gene ID	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Human Swiss-Prot Number	P68431/Q71DI3/P84243
Alternative Names	HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3
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],