

Histone H3 (Tri-Methyl-K10) rabbit pAb

Cat No.:ES8632

For research use only

Overview

Product Name	Histone H3 (Tri-Methyl-K10) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthetic Tri-Methyl peptide from human protein at AA range: 10
Specificity	The antibody detects endogenous Tri-Methyl-Histone H3 (K10)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Histone H3
Gene Name	Histone H3
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
Human Swiss-Prot Number	P68431/Q71DI3/P84243/Q6NXT2
Alternative Names	H3K10ME3; 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/f; H
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],

Western blot analysis of 293T lysate, antibody was diluted at 2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

