

TRIMETHYL-HISTONE H3 (LYS14) RABBIT PAB

Cat.#: N226081

Product Name: Anti-TriMethyl-Histone H3 (Lys14) Rabbit pAb

Synonyms: H3K14me3; H3 histone; HIST1H3A; Histone cluster 1; H3a

UNIPROT ID: Q16695

Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Immunogen: A synthetic peptide of human TriMethyl-Histone H3-K14

Applications: WB

Recommended Dilutions: WB: 1/500-1/1000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 16 kDa; Observed MW: 16 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

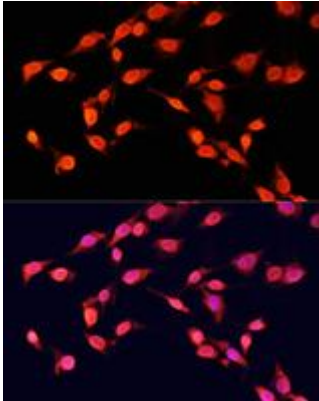
Conjugation: Unconjugated

Modification: Methylated

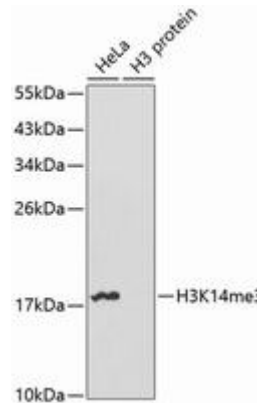
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of TriMethyl-Histone H3 (Lys14) in C6 using TriMethyl-Histone H3K14 antibody, and DAPI (blue).



Western blot analysis of TriMethyl-Histone H3 (Lys14) in various cell lines lysates using TriMethyl-Histone H3K14 antibody.