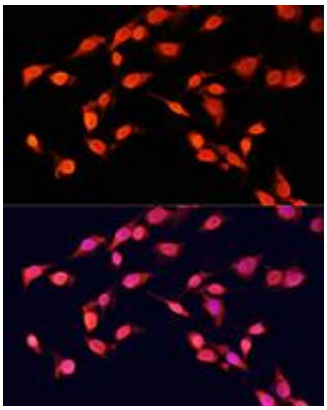
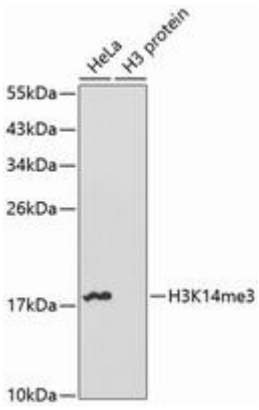
TRIMETHYL-HISTONE H3 (LYS14) RABBIT PAB

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.