

Anti-Tri-methyl/Phospho-Histone H1.4 (Lys25/Ser26) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Dog,Rabbit)
Molecular Weight:	Theoretical: 22 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (Human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Histone H1.4 (tri methyl K25, phospho S26)) Polyclonal Antibody, Unconjugated (TMAB-07060) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Histone H1.4 around the site of tri methyl-Lys25+phospho-Ser26
Antigen Species:	Human
Gene ID:	3008
Uniprot ID:	P10412

Research Background

Histone H1b 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 H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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