

Histone H1 (Di Methyl Lys25) rabbit pAb

Cat No.: ES20562

For research use only

Overview

Product Name Histone H1 (Di Methyl Lys25) rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse; Rat Recommended dilutions WB: 1:500-1000

ImmunogenSynthetic Peptide of Histone H1 (Di Methyl Lys25)SpecificityThe antibody detects endogenous Histone H1 (Di

Methyl Lys25) protein.

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 H1.1/Histone H1.2/Histone H1.3/Histone

H1.4

Gene Name HIST1H1A/HIST1H1C/HIST1H1D/HIST1H1E
Cellular localization Nucleus . Chromosome . Mainly localizes in

euchromatin.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal

Concentration

Observed band 17-25kD

Human Gene ID 3024/3006/3007/3008

Human Swiss-Prot Number Q02539/P16403/P16402/P10412

Alternative Names H1K25ME2; HIST1H1A; H1F1; Histone H1.1; Histone

H1a; HIST1H1C; H1F2; Histone H1.2; Histone H1c; Histone H1d; Histone H1s-1; HIST1H1D; H1F3; Histone H1.3; Histone H1s-2;

HIST1H1E; H1F4; Histone H1.4; Histone H1b; Histone

H1s-4

Background Histones are basic nuclear proteins responsible for

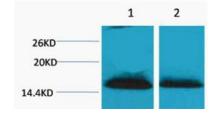
nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core





histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is 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. [provided by RefSeq, Aug 2015],

Western blot analysis of 1) Hela, 2) 3T3, diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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