

组蛋白 H3 样抗体

产品货号： mlR0483

英文名称： Centromeric histone H3-like protein-2

中文名称： 组蛋白 H3 样抗体

别名： centromere-specific H3 variant protein; Centromeric histone H3-like protein 2; Centromeric histone H3-like protein-2; cenp-A; A4PIF1_BRAJU.

产品类型： 植物抗体

研究领域： 肿瘤 免疫学 发育生物学 转录调节因子 植物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Brassica juncea

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 20kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from Brassica juncea Centromeric histone H3-like protein-2:3-19/178

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Histones are highly conserved proteins that serve as the structural scaffold for the organization of nuclear DNA into chromatin. The four core histones, H2A, H2B, H3, and H4, assemble into an octamer (2 molecules of each). Subsequently, 146 base pairs of DNA are wrapped around the octamer, forming a nucleosome, the basic subunit of chromatin. Histone modifications regulate DNA transcription, repair, recombination, and replication. The most commonly studied modifications are acetylation, phosphorylation, methylation, and ubiquitination. These modifications can alter local chromatin architecture, or recruit trans-acting factors that recognize specific histone modifications (the "histone code" hypothesis). Trimethylation of histone H3 on Lys9 (H3K9me3) is one of the most highly studied epigenetic marks. H3K9me3 functions in the repression of euchromatic genes, and in epigenetic control of heterochromatin assembly, most likely via acting as a recognition motif for the binding of chromatin-associated proteins, such as Swi6 or HP1Alpha/Beta. The enzymes responsible for H3K9me3 formation are SUV39H1 and SUV39H2.

SWISS:

N/A

Gene ID:

N/A

Important Note:



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