

HP1 ALPHA MOUSE MAB

货号: N261519

产品全名: HP1 alpha 小鼠单抗

基因符号 CBX5; HP1A; Chromobox protein homolog 5; Antigen p25; Heterochromatin protein 1 homolog alpha; HP1 alpha

UNIPROT ID: P45973

背景: Component of heterochromatin that recognizes and binds histone H3 tails methylated at 'Lys-9' (H3K9me), leading to epigenetic repression. In contrast, it is excluded from chromatin when 'Tyr-41' of histone H3 is phosphorylated (H3Y41ph). Can interact with lamin-B receptor (LBR). This interaction can contribute to the association of the heterochromatin with the inner nuclear membrane. Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.

抗原: Purified recombinant human HP1 alpha protein fragments expressed in E.coli.

经过测试的应用: WB, ICC/IF, IHC-F, IHC-P

推荐稀释比: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

种属反应性: Mouse

克隆性: Mouse Monoclonal

克隆编号: 3G2-H10-A6

分子量: Calculated MW: 22 kDa; Observed MW: 26 kDa

亚型: IgG2b

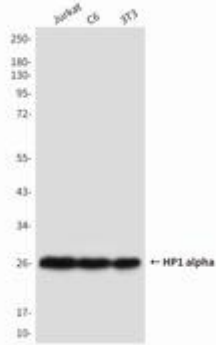
纯化: Affinity Purified

种属反应性: Human, Mouse and Rat

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

研究领域: Epigenetics and Nuclear Signaling

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of HP1 alpha in Jurkat, C6 and 3T3 lysates using HP1 alpha antibody.