

## 异染色质蛋白 1 磷酸化抗体（果蝇）

产品货号： mlR0930

英文名称： phospho-heterochromatin protein 1 (pTyr41)

中文名称： 异染色质蛋白 1 磷酸化抗体（果蝇）

别 名： Antigen p25; Cbx 5; Cbx5 antibody Chromobox homolog 5 (Drosophila HP1 alpha); Chromobox homolog 5 (HP1 alpha homolog Drosophila); Chromobox homolog 5; Chromobox protein homolog 5; Chromobox protein homologue 5 ; Heterochromatin protein 1 alpha; Heterochromatin protein 1; Heterochromatin protein 1 homolog alpha; HP 1; HP 1A; HP1 alpha homolog ; HP1A ; HP1Hs alpha; HP1Hs-alpha.

产品类型： 磷酸化抗体

研究领域： 细胞生物 免疫学 染色质和核信号 昆虫

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Fruit Fly,

产品应用： WB=1:500-2000 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： 23kDa

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

**免 疫 原 :** KLH conjugated Synthesised phosphopeptide derived from Fruit Fly HP1 around the phosphorylation site of Tyr41:VE(p-Y)YL

**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 :** HP1 alpha is a component of heterochromatin. It recognizes and binds histone H3 tails methylated at Lys-9, leading to epigenetic repression. HP1 alpha may interact with lamin B receptor (LBR). This interaction can contribute to the association of the heterochromatin with the inner nuclear membrane. HP1 proteins are relatively small proteins (~25 kDa) with a conserved amino-terminal chromo domain and a structurally related carboxy-terminal motif, the chromo shadow domain. Both domains of HP1 are required for binding to native chromatin in vivo, but they contribute differentially to binding in euchromatin and heterochromatin.

**SWISS:**

P05205

**Gene ID:**

N/A

**Database links:**



GenBank: ACI96782.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.