

Methyl-HP1 gamma/CBX3-H175 Rabbit pAb

货号: B22347

产品信息

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| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | IHC |
| 推荐浓度 | IHC: 1:50 - 1:200 |
| 理论分子量 | 20kDa |
| 实测分子量 | 20kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | |
| 细胞定位 | Nucleus |
| 纯化 | Affinity purification |

抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-183 of human HP1 gamma/CBX3 (NP_009207.2). |
| 序列 | MASNKTTLQKMGKKQNGKSKKVEEAEPPEEFVVEKVLDRRVVNGKVEYFLKWKGFTDADNTWEPEENLDCPELIEAFLNS QKAGKEKDGTKRKSLSDSESDDSKSKKRDAAADKPRGFARGLDPERIIGATDSSGELMFLMKWKDSDEADLVLAKEAN MKCPQIVIAFYEERLTWHSCPEDEAQ |

靶点信息

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| 研究背景 | At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. This protein binds histone H3 tails methylated at Lys-9 sites. This protein is also recruited to sites of ultraviolet-induced DNA damage and double-strand breaks. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene. |
| 基因ID | 11335 |
| 基因名 | CBX3 |
| Swiss | Q13185 |
| 别名 | CBX3; HECH; HP1-GAMMA; HP1Hs-gamma; chromobox 3 |

产品验证

实验步骤

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