

Recombinant Human HP1 alpha protein ab124602

1 图像

描述	
产品名称	重组人HP1 alpha蛋白
纯度	> 90 % SDS-PAGE. ab124602 is purified by using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<b><u>P45973</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>MGSSHHHHHH SSGLVPRGSH MGSHEGKKTK RTADSSSSSE EEEYVVEKVL DRRVVKQVE YLLKWKGFSE EHNTWEPEKN LDCPELISEF MKKYKKMKEG ENNKPREKSE SNKRKSNFSN SADDIKSKKK REQSNDIARG FERGLEPEKI IGATDSCGDL MFLMKWKDTE EADLVLAKEA NVKCPQIVIA FYEERLTWHA YPEDAENKEK ETAKS</div>
预测分子量	25 kDa including tags
氨基酸	1 to 191
标签	His tag N-Terminus
技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab124602</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
制备和贮存	

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能	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.
序列相似性	Contains 2 chromo domains.
翻译后修饰	Phosphorylation of HP1 and LBR may be responsible for some of the alterations in chromatin organization and nuclear structure which occur at various times during the cell cycle (By similarity). Phosphorylated during interphase and possibly hyper-phosphorylated during mitosis. Ubiquitinated.
细胞定位	Nucleus. Chromosome. Chromosome > centromere. Component of centromeric and pericentromeric heterochromatin. Associates with chromosomes during mitosis. Associates specifically with chromatin during metaphase and anaphase.

图片



15% SDS-PAGE showing ab124602 (3 µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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