

Recombinant human Dnmt3L protein ab170406

5 图像

描述

产品名称	重组人Dnmt3L蛋白
生物活性	Specific activity of ab170406 (0.25 µg) was increased 3-fold when co-incubated with 0.25 µg DNMT3L
纯度	> 80 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>Q9UJW3</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MAAIPALDPEAEPSMDVILVGSELSSSVSPGTGRDLIAYEV KANQRNIE DICICCGSLQVHTQHPLFEGGICAPCKDKFLDALFLYDDGGY QSYCSICC SGETLLICGNPDCTRCYCFECVDSL VGPGTSGKVHAMS NWVC YLCLPSSR SGLLQRRRKWRSQ LKAFYDRESENPLEMFETVPVWRRQPVRV LSLFEDIK KELTS LGFLESGSDPGQLKHVV DVTDTVRKDVEEWGPFDLVY GATPPLGH TCDRPPSWYLFQFHRL LQYARPKPGSPRPF FWMFVDNLVLNK EDLDVASR FLEM EPVTIPDVHGGSLQNAVRVWSNIPAIRSRHWALVSEEE LSLLAQNK QSSKLA AKWPTKLVKNCFLPLREYFKYFSTELTSSL </pre>
预测分子量	70 kDa including tags
氨基酸	1 to 386

技术指标

Our **Abpromise guarantee** covers the use of **ab170406** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Functional Studies SDS-PAGE
形式	Liquid

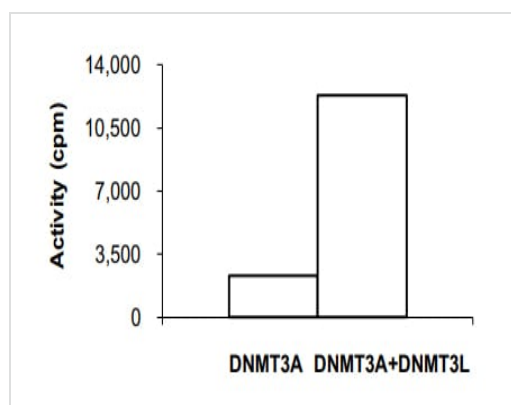
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.03% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

功能	Catalytically inactive regulatory factor of DNA methyltransferases. It is essential for the function of DNMT3A and DNMT3B. Activates DNMT3A and DNMT3B by binding to their catalytic domain. Accelerates the binding of DNA and AdoMet to the methyltransferases and dissociates from the complex after DNA binding to the methyltransferases. Recognizes unmethylated histone H3 lysine 4 (H3K4) and induces de novo DNA methylation by recruitment or activation of DNMT3.
组织特异性	Expressed at low levels in several tissues including testis, ovary, and thymus.
序列相似性	Belongs to the C5-methyltransferase family. Contains 1 ADD-type zinc finger.
细胞定位	Nucleus.

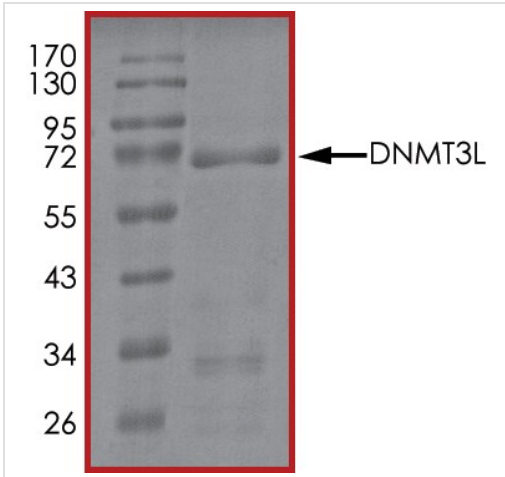
图片



The specific activity of Dnmt3L (ab170406) was increased 5-fold coincubated with DNMT3L

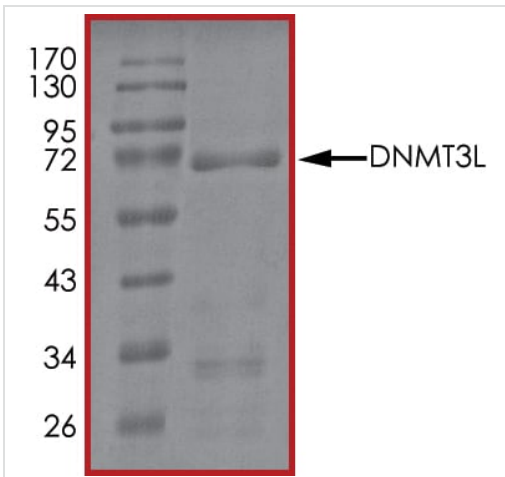
Functional Studies - Recombinant human Dnmt3L protein (ab170406)

SDS PAGE analysis of ab170406

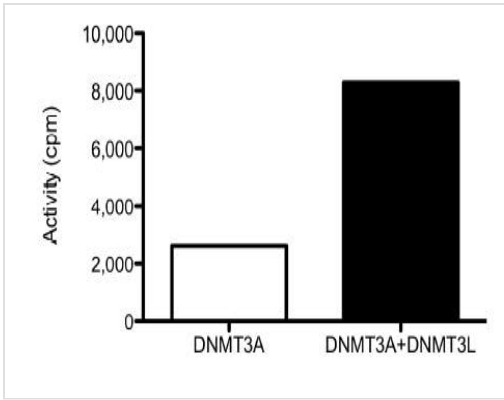


SDS-PAGE - Recombinant human Dnmt3L protein
(ab170406)

SDS PAGE analysis of ab170406

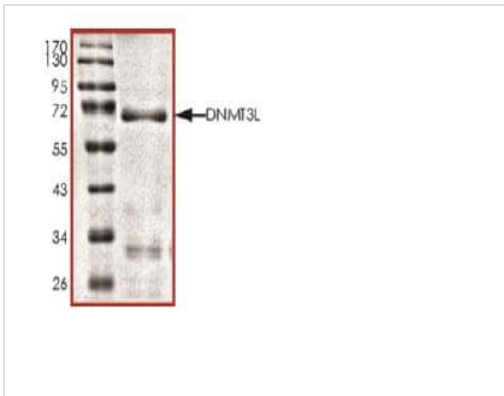


SDS-PAGE - Recombinant human Dnmt3L protein
(ab170406)



Specific activity of ab170406 (0.25µg) was increased 3-fold when co-incubated with Dnmt3L (0.25µg)

Functional Studies - Recombinant human Dnmt3L protein (ab170406)



SDS-PAGE analysis of ab170406.

SDS-PAGE - Recombinant human Dnmt3L protein (ab170406)

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