

Anti-CENPC antibody [2159C5a] ab50974

★★★★★ **3 Abreviews** **16 References**

概述

产品名称	Anti-CENPC抗体[2159C5a]
描述	小鼠单克隆抗体[2159C5a] to CENPC
宿主	Mouse
经测试应用	适用于: WB, Dot blot, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human CENPC aa 655-768. Sequence: KPQTSGYTCNIPTESNLDSGEHKTSVLEESGPSRLNNNYLMS GKNDVDDE EVHGSSDDSKQSKVIPKNRIHHKLVLPSNTPNVRRTKRTRLK PLEYWRGE RIDYQGRPSGGFVI

Database link: [Q03188](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

常规说明

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性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 1% BSA, PBS
纯度	Protein G purified

克隆	单克隆
克隆编号	2159C5a
同种型	IgG2b

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab50974于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.
ICC/IF	★★★★☆ (3)	Use at an assay dependent concentration. Use at a dilution of 1/250 (for overnight incubation).

靶标

功能	Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. CENPC recruits DNA methylation and DNMT3B to both centromeric and pericentromeric satellite repeats and regulates the histone code in these regions.
序列相似性	Belongs to the CENPC family.
结构域	The MIF2 homology domain II targets centromeres and binds the alpha satellite DNA in vivo. The MIF2 homology domain III can induce CENPC dimerization/oligomerization.
细胞定位	Nucleus. Chromosome > centromere > kinetochore. Localizes exclusively in the kinetochore domain of centromeres.

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