

Anti-Histone H2A.Z antibody [4A4] ab80150

2 Abreviews **1 图像**

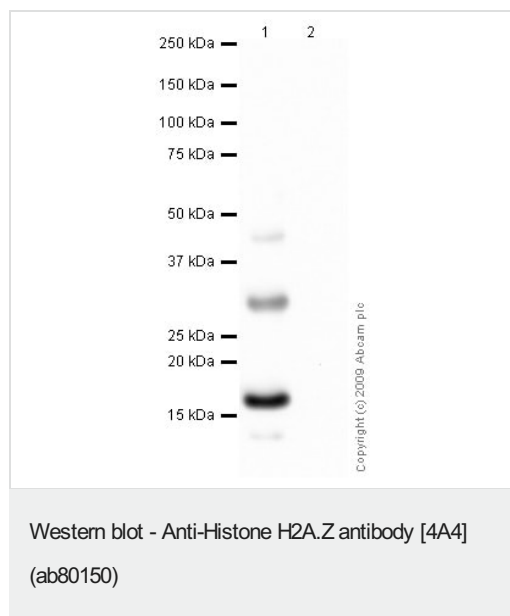
概述

产品名称	Anti-Histone H2A.Z抗体[4A4]
描述	大鼠单克隆抗体[4A4] to Histone H2A.Z
宿主	Rat
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Recombinant fragment 预测可用于: Mouse, Rat, Cow, Human, Pig, Xenopus laevis, Zebrafish, Orangutan 
免疫原	Synthetic peptide corresponding to Human Histone H2A.Z.
阳性对照	This antibody gave a positive signal when used to probe Histone H2A.Z recombinant protein.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	IgG fraction
克隆	单克隆
克隆编号	4A4

同种型	IgG2b							
应用	<p>The Abpromise guarantee Abpromise™承诺保证使用ab80150于以下的经测试应用</p> <p>“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。</p> <table> <tr> <th>应用</th><th>Ab评论</th><th>说明</th></tr> <tr> <td>WB</td><td></td><td>Use a concentration of 1 µg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 13 kDa).</td></tr> </table>		应用	Ab评论	说明	WB		Use a concentration of 1 µg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 13 kDa).
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应用说明	Is unsuitable for Flow Cyt,ICC/IF or IHC-P.							
靶标								
功能	Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division.							
序列相似性	Belongs to the histone H2A family.							
翻译后修饰	<p>Monoubiquitination of Lys-122 gives a specific tag for epigenetic transcriptional repression.</p> <p>Acetylated on Lys-5, Lys-8 and Lys-12 during interphase. Acetylation disappears at mitosis.</p> <p>Monomethylated on Lys-5 and Lys-8 by SETD6. SETD6 predominantly methylates Lys-8, lys-5 being a possible secondary site.</p> <p>Not phosphorylated.</p>							
细胞定位	Nucleus. Chromosome.							
图片								



All lanes : Anti-Histone H2A.Z antibody [4A4] (ab80150) at 1 µg/ml

Lane 1 : Histone H2A.Z recombinant protein

Lane 2 : Histone H2A recombinant protein

Lysates/proteins at 0.5 µg per lane.

Secondary

All lanes : Goat polyclonal to Rat IgG - H&L - Pre-Adsorbed (HRP) at 1/10000 dilution

Predicted band size: 13 kDa

Observed band size: 17 kDa

Additional bands at: 30 kDa. We are unsure as to the identity of these extra bands.

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

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