

Recombinant Human Histone H2A.Z protein ab114184

画像数 1

製品の詳細

製品名	Recombinant Human Histone H2A.Z protein
発現系	Wheat germ
アクセッション番号	P0C0S5
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MAGGKAGKDSGKAKTKAVSRSQRAGLQFPVGRIHRHLKSRTT SHGRVGAT AAVYSAAILEYLTAEVLELAGNASKDLKVKRITPRHLQLAIR GDEELDSL IKATIAGGGVIPHIHKSLLIGKKGQKTV
予測される分子量	40 kDa including tags
領域	1 to 128

特性

Our **Abpromise guarantee** covers the use of **ab114184** in the following tested applications.

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

アプリケーション	SDS-PAGE
	ELISA
	Western blot
製品の状態	Liquid

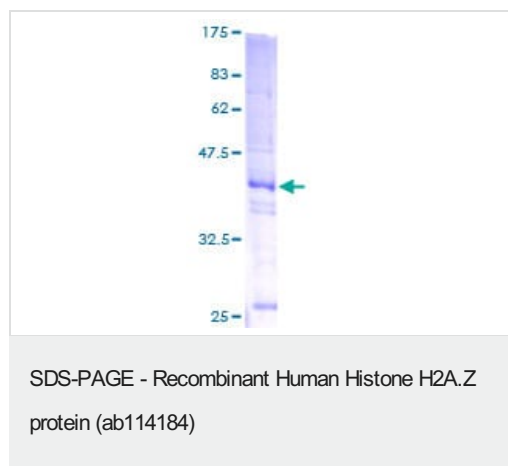
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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関連情報

機能	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.
配列類似性	Belongs to the histone H2A family.
翻訳後修飾	Monoubiquitination of Lys-122 gives a specific tag for epigenetic transcriptional repression. Acetylated on Lys-5, Lys-8 and Lys-12 during interphase. Acetylation disappears at mitosis. Monomethylated on Lys-5 and Lys-8 by SETD6. SETD6 predominantly methylates Lys-8, lys-5 being a possible secondary site. Not phosphorylated.
細胞内局在	Nucleus. Chromosome.

画像



ab114184 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

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

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