abcam

Product datasheet

HRP Anti-acetyl Lysine antibody ab23364

2 References

製品の概要

製品名	HRP Anti-acetyl Lysine antibody
製品の詳細	HRP Rabbit polyclonal to acetyl Lysine
由来種	Rabbit
標識	HRP
特異性	This antibody recognizes proteins acetylated on lysine residues. Tested: acetylated histone, acetylated BSA, and acetylated MBP, no reaction to the non-acetylated proteins.
アプリケーション	**適用あり:** ELISA, WB
種交差性	**交差種:** Species independent
免疫原	Acetylated KLH conjugates.
特記事項	The purified antibody was conjugated to horse radish peroxidase (HRP) via reductive amination. Direct label of primary anti-AcK will avoid the use of secondary antiboides therefore eliminating the interference of the 2nd antibody-conjugates. 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. 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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 6 Constituents: 0.268% PBS, 50% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
一次抗体 備考	The purified antibody was conjugated to horse radish peroxidase (HRP) via reductive amination. Direct label of primary anti-AcK will avoid the use of secondary antiboides therefore eliminating

	the interference of the 2nd antibody-conjugates.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab23364の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent dilution. Microarray: Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Detects a band of approximately 3 kDa.

ターゲット情報

関連性

In the nucleus, DNA is tightly packed into nucleosomes generating an environment which is highly repressive towards DNA processes such as transcription. Acetylation of lysine residues within proteins has emerged as an important mechanism used by cells to overcome this repression. The acetylation of non-histone proteins such as transcription factors, as well as histones appears to be involved in this process. Acetylation may result in structural transitions as well as specific signaling within discrete chromatin domains. The role of acetylation in intracellular signaling has been inferred from the binding of acetylated peptides by the conserved bromodomain. Furthermore, recent findings suggest that bromodomain/acetylated-lysine recognition can serve as a regulatory mechanism in protein-protein interactions in numerous cellular processes such as chromatin remodeling and transcriptional activation. The reversible lysine acetylation of histones and non-histone proteins plays a vital role in the regulation of many cellular processes including chromatin dynamics and transcription, gene silencing, cell cycle progression, apoptosis, differentiation, DNA replication, DNA repair, nuclear import, and neuronal repression. More than 20 acetyltransferases and 18 deacetylases have been identified so far, but the mechanistic details of substrate selection and site specificity of these enzymes remain unclear. Over 40 transcription factors and 30 other nuclear, cytoplasmic, bacterial, and viral proteins have been shown to be acetylated in vivo.

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