



Anti-HDAC1 antibody - ChIP Grade ab1767

15 References

製品の概要

製品名	Anti-HDAC1 antibody - ChIP Grade
製品の詳細	Rabbit polyclonal to HDAC1 - ChIP Grade
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF, ChIP, IP, IHC - Wholemount
種交差性	交差種: Drosophila melanogaster
免疫原	Synthetic peptide: C-SGSGTGSGAGAKGAKENNI , corresponding to amino acids 503-521 of Fruit fly (Drosophila melanogaster) HDAC1  Run BLAST with  Run BLAST with
特記事項	<p>The SIN3/RPD3 deacetylase complex is essential for G(2) phase cell cycle progression and regulation of SMRTER corepressor levels.</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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.02% Sodium azide
精製度	Whole antiserum
一次抗体 備考	The SIN3/RPD3 deacetylase complex is essential for G(2) phase cell cycle progression and regulation of SMRTER corepressor levels.
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ab1767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
WB		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
ChIP		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
IHC - Wholemount		Use at an assay dependent concentration. PubMed: 22195015

ターゲット情報

機能	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Deacetylates SP proteins, SP1 and SP3, and regulates their function. Component of the BRG1-RB1-HDAC1 complex, which negatively regulates the CREST-mediated transcription in resting neurons. Upon calcium stimulation, HDAC1 is released from the complex and CREBBP is recruited, which facilitates transcriptional activation. Deacetylates TSHZ3 and regulates its transcriptional repressor activity. Deacetylates 'Lys-310' in RELA and thereby inhibits the transcriptional activity of NF-kappa-B.
組織特異性	Ubiquitous, with higher levels in heart, pancreas and testis, and lower levels in kidney and brain.
配列類似性	Belongs to the histone deacetylase family. HD type 1 subfamily.
翻訳後修飾	Sumoylated on Lys-444 and Lys-476; which promotes enzymatic activity. Desumoylated by SENP1. Phosphorylation on Ser-421 and Ser-423 promotes enzymatic activity and interactions with NuRD and SIN3 complexes. Ubiquitinated by CHFR, leading to its degradation by the proteasome.
細胞内局在	Nucleus.

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