

HDAC1 overexpression 293T lysate (whole cell) ab94165

画像数 2

医薬用外劇物

製品の概要

製品名	HDAC1 overexpression 293T lysate (whole cell)
特記事項	ab94165 is a 293T cell transfected lysate in which Human HDAC1 has been transiently over-expressed using a pCMV-HDAC1 plasmid. The lysate is provided in 1X Sample Buffer.
アプリケーション	適用あり: WB

製品の特性

Mycoplasma free	Yes
製品の状態	Liquid
保存方法	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
背景	Function: 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. PTM: 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. Similarity: Belongs to the histone deacetylase family. HD type 1 subfamily. Tissue specificity: Ubiquitous, with higher levels in heart, pancreas and testis, and lower levels in kidney and brain.

アプリケーション

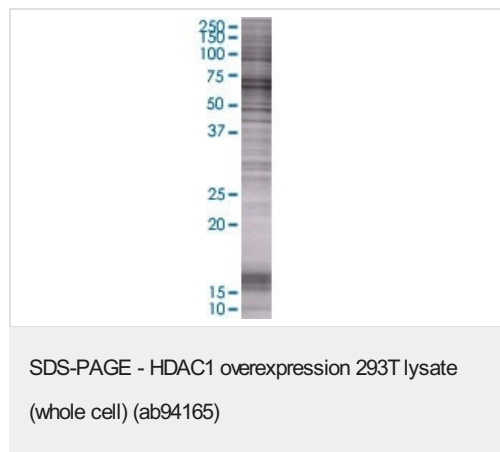
The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab94165の使用に適用されます

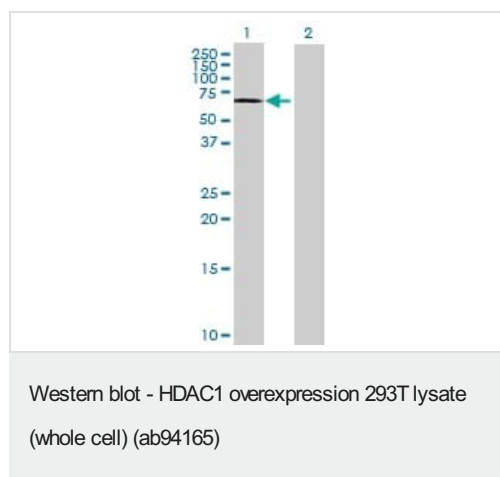
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent dilution.

画像



ab94165 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-HDAC1 antibody (**ab55094**) at 1/500 dilution

Lane 1 : HDAC1 overexpression 293T lysate (whole cell)
(ab94165)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

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