

Product datasheet

HDAC6 overexpression 293T lysate (whole cell) ab94173

[2 Images](#)

Overview

Product name	HDAC6 overexpression 293T lysate (whole cell)
General notes	ab94173 is a 293T cell transfected lysate in which Human HDAC6 has been transiently over-expressed using a pCMV-HDAC6 plasmid. The lysate is provided in 1X Sample Buffer. Note: For more detailed about how the transfected lysate was prepared view preparation notes
Tested applications	Suitable for: WB

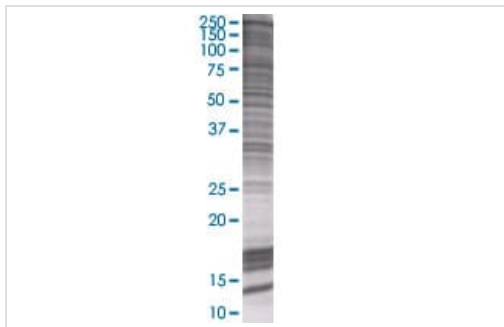
Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	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 (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin. Similarity: Belongs to the histone deacetylase family. HD type 2 subfamily. Contains 1 UBP-type zinc finger. PTM: Ubiquitinated. Its polyubiquitination however does not lead to its degradation. Sumoylated in vitro.

Applications

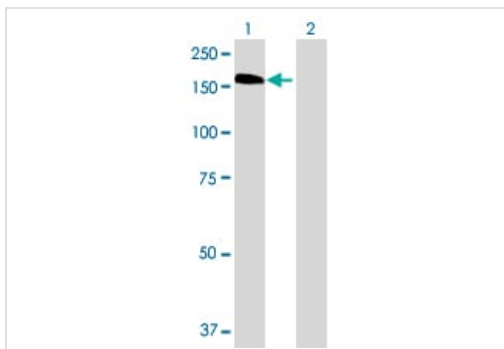
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab94173 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.



SDS-PAGE - HDAC6 overexpression 293T lysate
(whole cell) (ab94173)

ab94173 at 15µg/lane on an SDS-PAGE gel.



Western blot - HDAC6 overexpression 293T lysate
(whole cell) (ab94173)

All lanes : Anti-HDAC6 antibody (ab56926) at 1/500 dilution

Lane 1 : HDAC6 overexpression 293T lysate (whole cell)
(ab94173)

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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