

Product datasheet

ING4 overexpression 293T lysate (whole cell) ab94301

2 Images

Overview

Product name	ING4 overexpression 293T lysate (whole cell)
General notes	ab94301 is a 293T cell transfected lysate in which Human ING4 has been transiently over-expressed using a pCMV-ING4 plasmid. The lysate is provided in 1X Sample Buffer. Note: For more details 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: Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may function in DNA replication. May inhibit tumor progression by modulating the transcriptional output of signaling pathways which regulate cell proliferation. Can suppress brain tumor angiogenesis through transcriptional repression of RELA/NFKB3 target genes when complexed with RELA. May also specifically suppress loss of contact inhibition elicited by activated oncogenes such as MYC. Represses hypoxia inducible factor's (HIF) activity by interacting with HIF prolyl hydroxylase 2 (EGLN1). Similarity: Belongs to the ING family. Contains 1 PHD-type zinc finger.

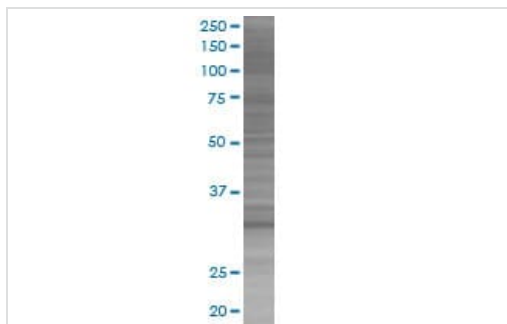
Applications

Our [Abpromise guarantee](#) covers the use of **ab94301** in the following tested applications.

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

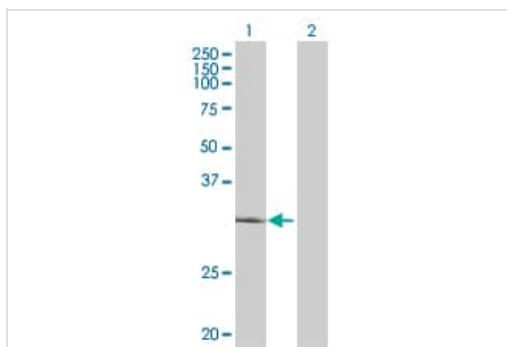
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - ING4 overexpression 293T lysate
(whole cell) (ab94301)

ab94301 at 15µg/lane on an SDS-PAGE gel



Western blot - ING4 overexpression 293T lysate
(whole cell) (ab94301)

All lanes : Anti-ING4 antibody (ab90551) at 1/500 dilution

Lane 1 : ING4 overexpression 293T lysate (whole cell) (ab94301)

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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