

Product datasheet

eIF5A2 overexpression 293T lysate (whole cell) ab94210

2 Images

Overview

Product name	eIF5A2 overexpression 293T lysate (whole cell)
General notes	ab94210 is a 293T cell transfected lysate in which Human eIF5A2 has been transiently over-expressed using a pCMV-eIF5A2 plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

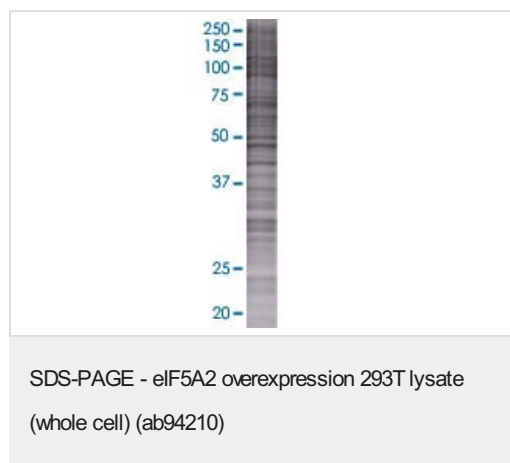
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Functions as a regulator of apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation. Tissue specificity: Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells. Similarity: Belongs to the eIF-5A family. PTM: eIF-5A seems to be the only eukaryotic protein to have an hypusine residue which is a post-translational modification of a lysine by the addition of a butylamino group (from spermidine).

Applications

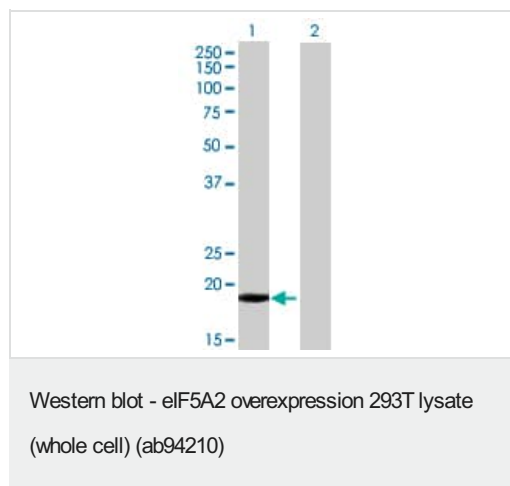
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94210 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94210 at 15µg/lane on an SDS-PAGE gel



All lanes : Anti-eIF5A2 antibody ([ab57421](#)) at 1/500 dilution

Lane 1 : eIF5A2 overexpression 293T lysate (whole cell) (ab94210)

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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