abcam

Product datasheet

MAGOH overexpression 293T lysate (whole cell) ab94264

2 Images

Overview

Product name	MAGOH overexpression 293T lysate (whole cell)
General notes	ab94264 is a 293T cell transfected lysate in which Human MAGOH has been transiently over-expressed using a pCMV-MAGOH 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 -20ºC. 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 a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Core components of the EJC, that remains bound to spliced mRNAs throughout all stages of mRNA metabolism, functions to mark the position of the exon-exon junction in the mature mRNA and thereby influences downstream processes of gene expression including mRNA splicing, nuclear mRNA export, subcellular mRNA localization, translation efficiency and nonsense-mediated mRNA decay (NMD). Remains associated with the mRNA after its export to the cytoplasm and require translation of the mRNA for removal. The heterodimer MAGOH-RBM8A interacts with PYM that function to enhance the translation of EJC-bearing spliced mRNAs by recruiting them to the ribosomal 48S preinitiation complex. Tissue specificity: Ubiquitous. Similarity: Belongs to the mago nashi family.

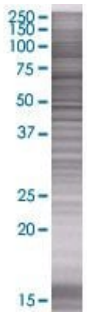
Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab94264 in the following tested applications.

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

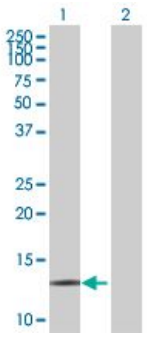
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - MAGOH overexpression 293T lysate (whole cell) (ab94264)

ab94264 at 15µg/lane on an SDS-PAGE gel.



Western blot - MAGOH overexpression 293T lysate (whole cell) (ab94264)

All lanes : Anti-MAGOH antibody (**ab55440**) at 1/500 dilution

Lane 1 : MAGOH overexpression 293T lysate (whole cell) (ab94264)
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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