A Reliable Research Partner in Life Science and Medicine

Recombinant Phospho-eEF2 (Thr56) Monoclonal Antibody

catalog number: AN300155L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen A synthetic peptide corresponding to the residues around (Thr56) of Human

Phospho-eEF2

Host Rabbit
Isotype IgG
Clone A1269
Purification Protein A

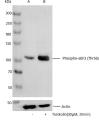
Buffer 10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol,

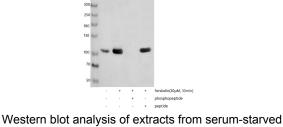
pH 7.5

Applications Recommended Dilution

WB 1:10000-1:100000

Data





Western blot analysis of extracts from serum-starved HepG2 , untreated(line A) or treated with forskolin(30µM, 30min)(line B), using Phospho-eEF2 (Thr56) Monoclonal Antibody at 1:10000 dilution (upper) or Anti-Actin Antibody, Chimeric Rabbit Monoclonal at 1:50000 dilution (lower).

Observed-MW:105 kDa Calculated-MW:95 kDa

phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-eEF2 (Thr56) Monoclonal Antibody at 1:10000 dilution.

Observed-MW:105 kDa

HepG2, untreated (line A); treated with forskolin(30µM,

30min), without peptide (line B) or antigen-specific



Western blot analysis of extracts from serum-starved HepG2, untreated (line A); treated with forskolin(30μM, 30min; +) (line B); treated with forskolin and λ-phosphatase (line C) using Phospho-eEF2 (Thr56) Monoclonal Antibody at 1:10000 dilution.

Observed-MW:105 kDa Calculated-MW:95 kDa

Preparation & Storage

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

Rev. V1.2



Elabscience Bionovation Inc.

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Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when

stored at -20 $^{\circ}\text{C}$ to -80 $^{\circ}\text{C}$. Preservative-Free. Avoid repeated freeze-thaw cycles .

Shipping lce bag

Background

This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosporylation.

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 Rev. V1.2