www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Phospho-EIF4EBP1-T37/46

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:13kDa

Observed MW: Refer to figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding T37/46 of human EIF4EBP1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BP-1; 4EBP1; 4E-BP1; PHAS-I;

Catalog #:AP0030

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1978

Isotype: IgG

Swiss Prot:Q13541

Purity: Affinity purification

For research use only.

Background:

This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)

Request a CATALOG CLICK HERE