

Rabbit Anti-phospho-eIF4EBP1 (Thr37 / Thr46)antibody

SLM-60678R

Product Name	phospho-eIF4EBP1 (Thr37 / Thr46)
Chinese Name	磷酸化 eIF4EBinding protein1Recombinant rabbit monoclonal anti
Alias	Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1 (PHAS-I); 4EBP1_HUMAN.
Product Type	Phosphorylated anti Recombinant rabbit monoclonal anti
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	R2D8
React Species	Human
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	13kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human phospho-eIF4EBP1 (Thr37 / Thr46)
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	Human1M TBS(pH7.4) with 1% BSA, Human3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

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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. [provided by RefSeq, Jul 2008]

Product Detail

SWISS:
Q13541

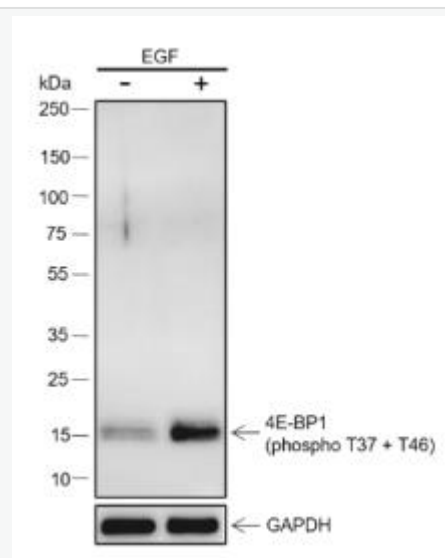
Gene ID:
1978

Database links:

[Entrez Gene: 1978](#) Human

[SwissProt: Q13541](#) Human

Product Picture



Blocking buffer: 5% NFDN/TBST

Primary Ab dilution: 1:1000

Primary Ab incubation condition: 2 hours at
room temperature

Secondary Ab: Goat Anti-Rabbit IgG H&L
(HRP)

Lysate: (-): HEK-293, (+): HEK-293 + EGF (200
ng/mL, 10 min)

Protein loading quantity: 20 μ g

Exposure time: 60 s

Predicted MW: 13 kDa

Observed MW: 15 kDa