Recombinant 4E-BP1/EIF4EBP1 Monoclonal Antibody

catalog number: AN300048P

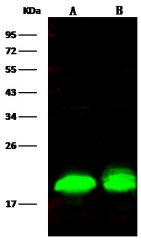
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human 4E-BP1 / EIF4EBP1 protein
Host	Rabbit
Isotype	IgG
Clone	A1158
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:1000-1:5000

Data



Western Blot with 4E-BP1 / EIF4EBP1 Monoclonal Antibody at dilution of 1:1000. Lane A: 293T Whole Cell Lysate, Lane B: K562 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:20 kDa

Calculated-MW:13 kDa

Preparation & Storage

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°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.

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