

4E-BP1 Monoclonal Antibody

Catalog No.	IMB0176
Reactivity	Human
Applications	WB; ELISA
Gene Name	EIF:4EBP1
Protein Name	Eukaryotic translation initiation factor 4E-binding protein 1
Human Gene Id	1978
Swiss-Prot	Q13541
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 ELISA: 1:10000
Purification	Affinity purification
Concentration	-
Storage & Stability	-20°C/1 year
Background	This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF:4E), 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 eIF:4E 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 eIF:4E and activation of mRNA translation. [provided by RefSeq, Jul 2008],
Subcellular Location.	nucleoplasm, cytoplasm, cytosol, protein complex.
Biological MW	-

Products Images:

