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EIF4EBP1 Polyclonal Antibody

Cat #: G-AB-01924

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: BC004459

Immunogen: Recombinant protein of human EIF4EBP1

Conjugation: Unconjugated

Swissprot: Q13541

Calculated Molecular Weight: 13 kDa

Observed Molecular Weight:

Concentration: 0.3 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:25-1:100

Storage: Store at -20°C. Avoid freeze / thaw cycles.