

Recombinant

DGRmAb®

eIF4EBP1 (DGR11340) Rabbit mAb

db16017

Package : 10µL 20µL 50µL 100µL

Product Name : eIF4EBP1 (DGR11340) Rabbit mAb**Cat.No.:** db16017**Synonyms** : BP-1; 4EBP1; 4E-BP1; PHAS-I**Application** : WB, IHC-P, FC**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human eIF4EBP1

Gene ID

1978

Swiss Prot

Q13541

Synonyms

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

Reactivity

Human

Application

WB, IHC-P, FC

Recommended dilution

WB: 1:1000

IHC-P: 1:50-1:100

FC: 1:200-1:1000

Calculated MW

12 kDa

Observed MW

15-20 kDa

Host species

Rabbit

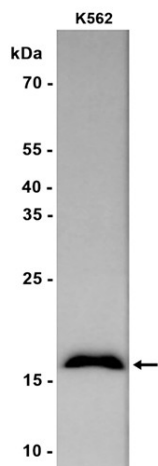
Clonality

Monoclonal

Clonality No.

DGR11340

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562 cells using db16017 at 1:1000.