

4E BP1 Recombinant antibody

Cat:B35009D

Company: HaoKebio

Uniprot ID:Q13541

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human Mouse Rat

IHC-TSA:1:500-1:1000

Molecular Weight Calculation: 13 kDa

WB:1:1000

Observed Molecular Weight: 15-20 kDa

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.

Protein full name:

Eukaryotic Translation Initiation Factor 4E Binding Protein 1

Synonyms:

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

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm,Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

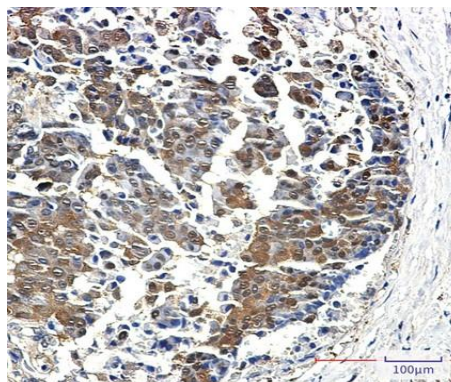
Storage:

Store at -20 °C for one year.

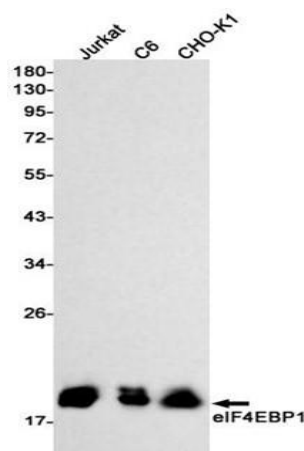
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human breast cancer, 4% PFA 12-24h



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:4E BP1(B35009D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:4E BP1(B35009D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.