

## 4E-BP1 (phospho-Thr37/46) rabbit pAb

Catalog_no :	AP1252
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	EIF4EBP1
Protein_name :	4E-BP1 (Thr37/46)
Humangene_id :	<a href="#">1978</a>
Humanswissprot_no :	<a href="#">Q13541</a>
Mousegene_id :	<a href="#">13685</a>
Mouseswissprot_no :	<a href="#">Q60876</a>
Ratgene_id :	<a href="#">116636</a>
Ratswissprot_no :	<a href="#">Q62622</a>
Immunogen :	Synthesized phosho peptide around human 4E-BP1 (Thr37 and 46)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat 4E-BP1 (phospho-Thr37 or 46)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	Eukaryotic translation initiation factor 4E-binding protein 1 (4E-BP1) (eIF4E-binding protein 1) (Phosphorylated heat- and acid-stable protein regulated by insulin 1) (PHAS-I)

Molecular Weight : 18KD

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**Background :** eukaryotic translation initiation factor 4E binding protein 1(EIF4EBP1) Homo sapiens  
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],

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