

CABP0219

Product Information

Product SKU:	CABP0219	Gene ID:	1978	Size:	100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	18kDa	Conjugate:	Unconjugated
Calculated MW:	13kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:500 - 1:2000

Synonyms: BP-1; 4EBP1; 4E-BP1; PHAS-I; Phospho-eIF4EBP1-T45

Purification Method: Affinity purification

Immunogen: A phospho specific peptide corresponding to residues surrounding T45 of human Phospho-eIF4EBP1-T45

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.